Environment Canada Environnement Canada

Surface Water Data

Atlantic Provinces

Données sur les eaux de surface

Provinces de l'Atlantique

1989

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1990

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Dartmouth, Nova Scotia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Dartmouth (Nouvelle-Écosse).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1989 calendar year, the results of the hydrometric survey investigations which were made in Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
5th Floor, Queen Square,
45 Alderney Drive,
Dartmouth, Nova Scotia.
B2Y 2N6
(902 426-5776)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1989, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués à Terre-Neuve, au Labrador, au Nouveau-Brunswick, en Nouvelle-Écosse et dans l'Île-du-Prince-Édouard.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice Queen Square, 5e étage
45, prom. Alderney
Dartmouth (Nouvelle-Écosse)
B2Y 2N6
(902 426-5776)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1989, the hydrometric surveys in Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island were conducted by the Water Survey of Canada under individual co-operative arrangements with each provincial government or its agency. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Nova Scotia, from 1915 to 1919, hydrometric investigations were conducted by the Dominion Water Power Branch in co-operation with the Nova Scotia Water Power Commission. A simila. co-operative arrangement was made in 1918 with the Province of New Brunswick. On May 1, 1919, new agreements were made between the Government of Canada the Provinces of New Brunswick and Nova Scotia and an initial agreement made with the Province of Prince Edward Island whereby the Dominion Water Power Branch, which later became the Dominion Water and Power Bureau, assumed responsibility for basic water resources investigations in the three provinces. Although these arrangements were terminated on March 31, 1933, work was continued by the federal government under letter arrangements with the Provinces of New Brunswick and Nova Scotia. Work was discontinued in the Province of Prince Edward Island in 1933.

A new agreement with the Province of New Brunswick came into effect on April 1, 1951, and in 1961, a further agreement for the extension of hydrometric coverage was concurred in. A new agreement with the Province of Prince Edward Island was made in 1961 and hydrometric records were commenced in August. A co-operative agreement covering hydrometric surveys in Newfoundland and Labrador was ratified by both governments on March 24, 1950.

Co-operative agreements were negotiated with the four provinces (implementation date in each case was April 1, 1975) and signed by Prince Edward Island January 28, 1975, New Brunswick February 24, 1975, Newfoundland and Labrador February 25, 1975, and Nova Scotia April 28, 1975. The agreements provide that water quantity surveys will be continued by the federal government on a shared cost basis.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1989, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques à Terre-Neuve, au Labrador, au Nouveau-Brunswick, en Nouvelle-Écosse et dans l'Île-du-Prince-Édouard en vertu d'accords conclus avec chaque province ou un de ses organismes provinciaux. Les autorités provinciales ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

De 1915 à 1919, la Direction fédérale de l'énergie hydraulique et la *Nova Scotia Water Power Commission* ont entrepris des recherches hydrométriques en Nouvelle-Écosse. La Direction a signé une entente semblable en 1918 avec le Nouveau-Brunswick. Le 1er mai 1919, le gouvernement du Canada a conclu de nouveaux accords avec le Nouveau-Brunswick et la Nouvelle-Écosse et un premier accord avec l'Île-du-Prince-Édouard, aux termes desquels la Direction fédérale de l'énergie hydraulique, devenue plus tard le Bureau fédéral de l'eau et de l'énergie, assumait la responsabilité des études de base sur les ressources en eau des trois provinces. Les accords ont pris fin le 31 mars 1933; toutefois, en vertu de lettres d'entente, le gouvernement fédéral a continué d'exécuter les observations pour les provinces du Nouveau-Brunswick et de la Nouvelle-Écosse. Il a dû abandonner les recherches relatives à l'Île-du-Prince-Édouard, en 1933.

Un nouvel accord avec le Nouveau-Brunswick est entré en vigueur le 1er avril 1951, suivi, en 1961, d'un autre qui visait à en élargir la portée. En 1961, le gouvernement fédéral a signé un nouvel accord avec la province de l'Île-du-Prince-Édouard, et les relevés hydrométriques ont débuté en août de la même année. Les deux paliers de gouvernement ont conclu un accord pour les relevés hydrométriques à Terre-Neuve et au Labrador le 24 mars 1950.

Le gouvernement fédéral a signé des accords (qui sont tous entrés en vigueur le 1er avril 1975) avec l'Île-du-Prince-Édouard, le 28 janvier 1975; avec le Nouveau-Brunswick, le 24 février 1975; avec la Terre-Neuve et le Labrador, le 25 février 1975; et avec la Nouvelle-Écosse, le 28 avril 1975. Selon les dispositions des accords, le gouvernement fédéral s'occupera du programme de relevés hydrométriques dans chacune des provinces et partagera avec elle le coût des mesures.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Direction des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of National Defence.

Provincial – Newfoundland Department of Environment;
Newfoundland and Labrador Hydro Corporation;
New Brunswick Electric Power Commission;
New Brunswick Department of Environment;
Nova Scotia Department of Lands and Forests;
Nova Scotia Department of Environment;
Nova Scotia Power Corporation;
Prince Edward Island Department of Community Affairs;
Quebec Department of the Environment.

Municipal – City of Fredericton, New Brunswick;
City of Charlottetown, Prince Edward Island.

Private – *In Newfoundland* – Bowater Power Company Limited, Deer Lake Power Company Limited, Iron Ore Company of Canada Limited, Newfoundland Light and Power Company Ltd., Price (Newfoundland) Pulp and Paper Co. Ltd., Churchill Falls (Labrador) Corporation Ltd.
In New Brunswick – Consolidated-Bathurst Company Limited, Fraser Companies Limited.
In Main, U.S.A. – The Georgia-Pacific Corporation.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère de la Défense nationale.

Niveau provincial – Ministère de l'Environnement de Terre-Neuve,
Hydro-Terre-Neuve et Labrador,
Commission de l'énergie électrique du Nouveau-Brunswick,
Ministère de l'Environnement du Nouveau-Brunswick,
Ministère des Terres et Forêts de la Nouvelle-Écosse,
Ministère de l'Environnement de la Nouvelle-Écosse,
Nova Scotia Power Corporation,
Ministère des Affaires communautaires de l'Île-du-Prince-Édouard,
Ministère de l'Environnement du Québec.

Niveau municipal – Ville de Fredericton, Nouveau-Brunswick,
Ville de Charlottetown,
Île-du-Prince-Édouard.

Secteur privé – À Terre-Neuve – *Bowater Power Company Limited, Deer Lake Power Company Limited, Iron Ore Company of Canada Limited, Newfoundland Light and Power Company Ltd*, Société des pâtes et papiers Price (Terre-Neuve), et *Churchill Falls (Labrador) Corporation Ltd.*
Au Nouveau-Brunswick – *Consolidated-Bathurst Company Limited, Fraser Companies Limited.*
Dans le Maine (États-Unis) – *Georgia-Pacific Corporation.*

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

NEWFOUNDLAND AND LABRADOR

ALEXIS RIVER NEAR PORT HOPE SIMPSON - STATION NO. 03OC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.0 B	5.25B	3.25B	3.12B	65.0B	74.5	88.0	78.7	81.0	95.2	25.4	23.8B	1
2	9.80B	5.15B	3.15B	3.05B	80.0B	88.5	44.8	58.5	80.6	80.7	30.0	23.0B	2
3	9.60B	5.05B	3.10B	2.98B	76.0B	144	34.8	47.2	116	68.2	24.9	22.3B	3
4	9.40B	4.95B	3.05B	3.05B	100 B	120	26.1	41.8	104	61.4	33.5	21.8B	4
5	9.20B	4.90B	3.03B	3.20B	130 B	147	20.7	47.3	81.8	69.7	40.6	21.2B	5
6	9.00B	4.80B	2.96B	3.70B	170 B	189	18.8	53.3	65.5	78.1	38.9	20.5B	6
7	8.80B	4.70B	2.93B	4.10B	220 B	148	15.8	44.7	53.8	66.2	38.4	20.0B	7
8	8.60B	4.60B	2.88B	4.50B	330 B	106	16.8	49.3	45.7	64.2	35.8	19.5B	8
9	8.40B	4.55B	2.86B	6.00B	653 E	90.5	16.9	61.2	40.8	67.9	33.4	19.0B	9
10	8.20B	4.45B	2.80B	7.00B	787 E	80.0	13.6	61.6	38.4	65.2	34.6	18.5B	10
11	8.00B	4.35B	2.75B	7.00B	677 E	44.5	11.1	60.5	104	63.3	52.7	18.0B	11
12	7.80B	4.30B	2.72B	6.90B	637	34.5	11.8	67.1	162	55.4	61.9	17.5B	12
13	7.70B	4.20B	2.88B	6.50B	436	29.1	15.8	71.2	137	48.6	55.6	16.3B	13
14	7.50B	4.15B	2.88B	6.80B	287	24.9	17.6	64.0	108	46.5	47.1	19.9B	14
15	7.35B	4.05B	2.88B	6.60B	244	21.7	18.1	43.2	84.9	44.5	48.9	21.2B	15
16	7.20B	4.00B	2.95B	7.30B	195	18.2	32.4	38.9	88.1	41.5	45.0	22.8B	16
17	7.05B	3.95B	2.77B	6.20B	187	15.3	36.2	67.6	57.4	39.0	42.4	23.0B	17
18	6.90B	3.87B	2.84B	6.30B	173	13.9	45.8	116	50.2	34.0	48.1	22.8B	18
19	6.75B	3.82B	2.95B	10.5 B	160	12.9	48.0	102	45.0	33.1	56.0	22.2B	19
20	6.65B	3.75B	3.05B	11.3 B	172	17.4	41.6	61.6	38.6	32.5	47.0	21.6B	20
21	6.50B	3.70B	3.15B	11.7 B	166	17.2	36.9	68.2	36.2	32.3	40.1	20.8B	21
22	6.35B	3.62B	3.25B	11.4 B	126	14.8	30.9	55.5	35.8	46.3	36.0B	20.0B	22
23	6.25B	3.55B	3.40B	11.3 B	276	12.4	25.8	48.0	37.4	69.2	33.2B	19.3B	23
24	6.10B	3.51B	3.50B	11.0 B	233	10.6	22.6	42.9	107	52.9	31.5B	18.6B	24
25	6.00B	3.45B	3.55B	10.9 B	181	8.73	19.5	46.5	168	47.6	30.0B	18.2B	25
26	5.80B	3.40B	3.60B	13.0 B	182	7.23	17.8	82.0	123	42.3	28.4B	17.5B	26
27	5.75B	3.35B	3.60B	16.0 B	195	6.07	16.5	105	108	38.5	27.3B	17.2B	27
28	5.65B	3.30B	3.43B	20.0 B	185	12.8	23.0	95.6	111	35.6	26.5B	16.5B	28
29	5.55B		3.35B	26.0 B	163	42.1	126	76.6	101	28.1	25.4B	16.0B	29
30	5.45B		3.26B	33.0 B	141	89.4	159	89.2	99.6	31.6	24.8B	15.5B	30
31	5.35B		3.20B		94.7		114	71.6		30.9		15.0B	31
TOTAL	226.00	116.76	95.12	265.56	7 513.7	1 602.53	1 139.1	2 122.1	2 476.8	1 641.1	1 164.6	611.3	TOTAL
MEAN	7.29	4.17	3.07	8.85	242	53.4	36.7	68.5	82.6	52.9	38.2	19.7	MEAN
MAX	10.0	5.25	3.65	33.0	787	189	159	116	162	95.2	61.9	23.8	MAX
MIN	5.35	3.30	2.84	2.98	65.0	6.07	11.1	38.9	35.8	28.1	24.8	15.0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.0
MAXIMUM DAILY, 787E ON MAY 10
MINIMUM DAILY, 2.84B ON MAR 18
MAXIMUM INSTANTANEOUS,
814E AT 23:43 AST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 36 57 N
LONG 56 52 17 W
DRAINAGE AREA, 2 310 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 600	JUL	98 400
FEB	10 100	AUG	183 000
MAR	8 220	SEP	214 000
APR	24 700	OCT	142 000
MAY	649 000	NOV	98 900
JUN	138 000	DEC	52 800

TOTAL DISCHARGE, 1 840 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 600 CMS IS DUE TO CURVE EXTENSION

ASHUANIPI RIVER AT MENIHEK RAPIDS - STATION NO. 03OA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	139	131	68.5	59.5	50.6	858	265	255	227	284	408	303	1
2	136	138	68.8	58.8	48.7	872	266	255	261	283	413	287	2
3	133	136	66.0	57.8	47.9	855	268	254	261	288	88.3	303	3
4	134	135	71.5	58.8	53.6	745	257	256	263	476	62.9	287	4
5	139	137	76.9	54.7	105	620	259	252	270	461	66.7	306	5
6	135	137	67.7	56.4	102	623	258	252	267	677	85.1	284	6
7	132	130	76.7	58.8	268	623	259	255	269	671	482	300	7
8	132	135	75.0	62.0	266	623	260	255	268	666	459	300	8
9	130	127	71.4	61.3	267	626	256	254	256	677	564	306	9
10	138	135	77.0	61.2	267	612	259	255	257	677	561	306	10
11	136	75.8	68.5	58.6	270	612	256	256	259	818	554	306	11
12	136	73.1	71.8	58.6	276	617	255	254	257	807	558	306	12
13	134	64.6	72.6	59.5	626	612	257	255	259	788	564	183	13
14	134	73.3	70.2	58.8	837	621	260	254	268	778	553	176	14
15	129	70.5	67.4	63.8	660	627	259	256	261	770	458	170	15
16	128	80.1	72.8	62.4	898	621	256	200	262	480	447	167	16
17	133	77.8	71.1	63.5	1 120	621	259	200	260	501	456	184	17
18	137	80.7	71.1	60.6	1 140	624	259	136	262	507	459	188	18
19	134	76.8	71.6	67.5	1 300	624	257	136	262	501	453	187	19
20	133	72.2	71.8	56.7	1 300	621	265	136	257	57.1	447	188	20
21	131	71.6	68.4	67.4	1 310	524	258	137	261	56.6	450	171	21
22	136	70.5	68.2	57.5	1 500	521	256	136	261	62.3	447	174	22
23	134	68.2	70.6	50.1	1 460	388	253	136	262	442	447	185	23
24	135	78.2	72.2	55.3	1 470	388	252	138	270	438	446	184	24
25	133	76.6	63.4	55.2	1 440	388	251	142	263	664	448	183	25
26	138	70.6	67.8	55.2	1 420	384	256	146	263	651	287	183	26
27	133	70.3	63.4	53.6	1 130	251	256	142	263	643	303	185	27
28	131	69.4	61.7	54.1	1 080	264	256	139	266	640	284	185	28
29	128		67.7	52.4	1 080	261	255	136	279	648	300	188	29
30	127		75.3	55.5	888	284	257	140	288	507	284	188	30
31	130		70.8		1 010		255	140		631		183	31
TOTAL	4 123	2 665.3	2 185.0	1 702.0	23 817.6	16 206	7 975	6 151	7 959	16 592.0	11 806.0	7 026	TOTAL
MEAN	133	95.2	70.5	56.7	768	540	257	198	265	535	394	227	MEAN
MAX	139	138	77.0	67.4	1 500	872	266	256	288	818	564	306	MAX
MIN	127	64.6	57.8	50.1	47.9	251	251	136	227	56.6	62.9	167	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 296
MAXIMUM DAILY, 1 500 ON MAY 22
MINIMUM DAILY, 47.9 ON MAY 3

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 54 27 18 N
LONG 66 37 30 W
DRAINAGE AREA, 19 000 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	358 000	JUL	689 000
FEB	230 000	AUG	531 000
MAR	187 000	SEP	688 000
APR	147 000	OCT	1 430 000
MAY	2 060 000	NOV	1 020 000
JUN	1 400 000	DEC	607 000

TOTAL DISCHARGE, 9 350 000 dam³

DATA CONTRIBUTED BY -
IRON ORE COMPANY OF CANADA LIMITED

REGULATED

NEWFOUNDLAND AND LABRADOR

ATIKONAK RIVER AT GABBRO LAKE - STATION NO. 03OC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	240	387	575	285	178	1 000	882	232	83.7	70.8	885	488	1
2	240	372	559	304	178	1 010	882	233	83.7	70.8	515	488	2
3	230	595	549	304	213	1 030	882	233	83.7	70.8	588	488	3
4	228	882	538	278	248	1 030	881	233	83.7	70.8	882	485	4
5	228	850	527	273	248	1 040	888	234	83.7	70.8	884	488	5
6	228	826	511	285	248	1 050	888	234	83.8	70.8	884	452	6
7	228	808	505	285	248	1 050	870	234	85.8	78.3	884	438	7
8	228	890	498	258	248	1 050	870	234	85.0	388	884	424	8
9	214	872	484	252	248	1 050	870	234	87.3	781	884	384	9
10	208	855	473	244	248	1 050	869	235	88.0	823	884	342	10
11	208	838	483	240	248	1 050	478	238	88.4	882	884	221	11
12	208	821	488	237	248	1 050	433	236	70.1	884	882	142	12
13	208	804	448	221	280	1 050	433	237	88.4	882	882	142	13
14	208	787	438	224	340	1 050	433	238	70.8	887	870	142	14
15	208	778	428	220	382	1 040	431	237	70.8	887	827	184	15
16	208	783	417	216	432	1 030	428	237	70.8	837	887	224	16
17	208	742	412	212	478	1 030	334	238	70.8	488	841	288	17
18	203	725	402	204	530	1 010	287	178	70.8	438	824	288	18
19	182	708	382	200	581	1 010	281	138	70.8	438	488	340	19
20	182	691	387	200	638	1 000	287	141	70.8	438	488	388	20
21	182	680	372	195	680	979	288	141	70.8	438	488	388	21
22	182	683	368	188	726	745	287	142	70.8	838	486	388	22
23	182	661	388	187	763	882	287	104	70.8	747	488	389	23
24	182	838	384	187	804	887	285	83.6	70.8	883	488	389	24
25	182	824	348	187	838	882	229	83.8	70.8	821	488	388	25
26	182	811	340	174	888	887	228	88.8	70.8	841	488	388	26
27	182	887	338	178	886	887	230	87.8	70.8	888	488	388	27
28	182	886	327	178	818	886	230	88.8	70.8	885	488	383	28
29	181		313	178	837	881	228	88.8	70.8	882	488	331	29
30	182		308	178	888	888	230	83.7	70.8	888	488	331	30
31	182		304		878		232	82.7		830		314	31
TOTAL	6 182	20 288	13 187	6 748	15 821	27 162	12 378	5 363.0	2 084.7	15 884.1	17 834	10 886	TOTAL
MEAN	188	726	426	226	510	905	388	173	88.8	805	884	350	MEAN
MAX	240	882	575	304	878	1 080	882	238	70.8	882	884	488	MAX
MIN	142	287	304	174	178	881	228	82.4	83.7	70.8	488	142	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 420
MAXIMUM DAILY, 1 080 ON JUN 9
MINIMUM DAILY, 82.4 ON AUG 24

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 46 20 N
LONG 65 23 47 W
DRAINAGE AREA, 21 400 km²

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	534 000	JUL	1 070 000
FEB	1 760 000	AUG	463 000
MAR	1 140 000	SEP	178 000
APR	583 000	OCT	1 380 000
MAY	1 370 000	NOV	1 510 000
JUN	2 350 000	DEC	938 000

TOTAL DISCHARGE, 13 200 000 dam³

ATIKONAK RIVER AT OSSAKMANUAN LAKE CONTROL STRUCTURE - STATION NO. 03OC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 38 53 N
LONG 64 46 05 W

REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

BARTLETTS RIVER NEAR ST. ANTHONY - STATION NO. 02YA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1380	0.0808	0.1038	0.0768	2.00	3.24	0.843	0.185	3.14	2.78	0.758	0.4888	1
2	0.1348	0.0598	0.0878	0.1058	2.33	2.84	0.448	0.183	3.46	2.44	0.658	0.4358	2
3	0.1298	0.0648	0.0908	0.1408	3.24	2.57	0.409	0.134	3.85	2.14	0.595	0.4108	3
4	0.1238	0.0678	0.0888	0.1858	5.13	2.27	0.381	0.128	3.20	2.77	1.38	0.3808	4
5	0.1208	0.0588	0.0808	0.2308	5.11	2.24	0.360	0.182	2.49	2.71	1.72	0.3738	5
6	0.1188	0.0558	0.0778	0.3508	5.84	2.18	0.383	0.188	1.88	2.42	1.67	0.3858	6
7	0.1138	0.0548	0.0728	0.5008	5.81	1.88	0.482	0.173	1.60	2.13	1.68	0.3408	7
8	0.1108	0.0538	0.0698	0.8008	5.40	1.68	0.821	0.184	1.33	2.33	1.55	0.3258	8
9	0.1088	0.0528	0.0668	1.38 E	5.14	1.50	0.508	0.233	1.08	2.28	1.35	0.3108	9
10	0.1038	0.0518	0.0638	1.38 E	9.13	1.32	0.485	0.253	0.842	3.54	1.69	0.2958	10
11	0.1028	0.0508	0.0608	1.20 E	6.87	1.31	0.467	0.280	0.734	3.66	1.67	0.2808	11
12	0.0988	0.0498	0.0588	1.06 E	7.83	1.10	0.502	0.292	1.34	3.35	1.63	0.2688	12
13	0.0958	0.0488	0.0568	0.8708	7.28	1.80	0.508	0.281	1.86	2.68	1.81	0.3058	13
14	0.0938	0.0478	0.0548	0.8308	5.42	1.80	0.818	0.276	1.68	2.23	1.46	0.3208	14
15	0.0918	0.0468	0.0528	1.07 E	4.14	1.97	0.472	0.332	1.38	1.88	1.30 E	0.3358	15
16	0.0888	0.0468	0.1458	1.25 E	3.42	1.81	0.448	0.841	1.25	1.53	1.20 E	0.3498	16
17	0.0878	0.0458	0.3758	1.45 E	2.87	1.63	0.407	2.21	1.06	1.46	1.10 E	0.3448	17
18	0.0858	0.0458	0.8008	1.60 E	2.65	1.52	0.381	3.47	0.903	1.37	1.00 E	0.3308	18
19	0.0838	0.0448	0.3858	1.47 E	2.81	1.34	0.370	3.46	0.730	1.14	0.9158	0.3128	19
20	0.0818	0.0448	0.3008	1.25 E	3.10	1.25	0.341	2.78	0.844	0.932	0.8708	0.2958	20
21	0.0788	0.0448	0.2358	1.05 E	3.43	1.15	0.312	2.24	0.883	1.00	0.8108	0.2808	21
22	0.0778	0.1238	0.1988	0.8808	3.20	1.11	0.278	1.81	0.827	1.36	0.7858	0.2708	22
23	0.0758	0.1808	0.1708	1.05 E	2.91	1.01	0.257	1.58	0.834	1.66	0.7108	0.2658	23
24	0.0738	0.1858	0.1508	1.35 E	2.64	0.915	0.231	1.30	0.818	1.78	0.6708	0.2488	24
25	0.0718	0.1508	0.1338	1.15 E	2.31	0.813	0.203	1.40	0.827	1.73	0.6308	0.2358	25
26	0.0688	0.1378	0.1158	1.06	2.87	0.744	0.182	1.55	0.882	1.81	0.5908	0.2258	26
27	0.0688	0.1288	0.1038	1.11	2.90	0.705	0.180	1.87	1.42	1.48	0.5608	0.2148	27
28	0.0688	0.1188	0.0968	1.30	3.38	0.606	0.183	1.83	1.97	1.26	0.5308	0.2038	28
29	0.0648		0.0898	1.50	4.31	0.837	0.193	1.48	2.18	1.09	0.5058	0.1958	29
30	0.0638		0.0848	1.58	4.38	0.582	0.191	1.28	2.94	0.918	0.4808	0.1858	30
31	0.0628		0.0808		3.87		0.180	2.58		0.805		0.1808	31
TOTAL	2.865	2.084	4.241	29.588	138.41	48.384	11.269	34.329	47.154	60.615	32.715	9.335	TOTAL
MEAN	0.092	0.074	0.137	0.988	4.46	1.61	0.384	1.11	1.57	1.96	1.09	0.301	MEAN
MAX	0.139	0.180	0.500	1.60	9.13	3.24	0.843	3.47	3.85	3.86	1.83	0.488	MAX
MIN	0.062	0.044	0.052	0.076	2.00	0.582	0.180	0.125	0.827	0.805	0.480	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.15
MAXIMUM DAILY, 9.13 ON MAY 10
MINIMUM DAILY, 0.0448 ON FEB 19
MAXIMUM INSTANTANEOUS,
9.33 AT 20:12 NST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 57 N
LONG 55 36 31 W
DRAINAGE AREA, 33.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	248	JUL	974
FEB	178	AUG	2 970
MAR	368	SEP	4 070
APR	3 550	OCT	5 240
MAY	12 000	NOV	2 830
JUN	3 920	DEC	807

TOTAL DISCHARGE, 36 200 dam³

BAY DU NORD RIVER AT BIG FALLS - STATION NO. 02ZF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.48	20.88	38.88	18.88	89.7	26.3	14.2	12.1	17.6	33.8	22.1	46.08	1
2	18.08	19.88	36.08	21.28	89.8	31.7	13.8	11.7	18.2	33.8	22.7	43.08	2
3	17.68	18.98	33.28	23.28	101	34.8	13.0	11.5	22.2	23.2	23.7	40.08	3
4	17.48	18.28	31.58	26.08	117	30.7	12.3	11.1	18.2	31.0	28.8	46.08	4
5	17.18	17.48	30.08	28.28	98.5	28.5	11.8	11.0	13.3	32.1	26.8	51.1	5
6	16.88	16.88	28.08	34.58	93.7	26.1	11.4	10.8	12.0	30.2	24.5	45.7	6
7	16.58	16.28	26.08	39.08	80.9	25.8	11.7	10.8	11.1	30.0	26.5	42.08	7
8	19.28	16.88	27.08	52.08	68.0	25.7	12.2	24.8	10.8	40.4	28.4	39.58	8
9	26.08	15.28	28.08	65.08	64.0	25.1	11.8	25.8	10.4	37.8	26.8	38.08	9
10	34.08	14.88	25.08	70.8	79.2	24.2	11.5	16.8	10.1	49.8	28.1	36.08	10
11	30.58	14.28	24.08	74.6	73.3	22.8	12.4	15.0	9.87	40.8	28.3	34.08	11
12	28.08	13.48	23.08	80.6	68.1	21.8	21.0	13.3	11.0	38.4	27.8	32.58	12
13	34.08	13.48	22.48	85.8	64.4	21.4	17.8	12.7	12.3	37.8	31.2	31.08	13
14	38.58	13.08	21.78	84.6	60.1	20.1	15.8	13.6	11.8	36.6	28.0	28.58	14
15	34.08	12.88	20.58	83.1	55.7	19.4	20.5	16.0	12.2	35.2	26.8	28.58	15
16	49.88	12.48	28.58	83.3	53.4	18.1	22.3	14.5	16.8	33.6	27.6	27.88	16
17	46.28	12.08	34.58	85.2	50.2	17.8	17.8	13.8	16.0	34.8	51.1	27.58	17
18	42.28	11.88	33.08	83.0	47.5	18.8	15.8	13.1	15.0	36.7	68.3	27.08	18
19	40.08	11.58	31.58	88.0	44.0	18.8	14.7	12.5	13.8	33.4	47.7	26.08	19
20	37.08	11.48	30.58	89.3	41.2	16.8	14.1	12.0	13.0	31.8	46.7	25.08	20
21	35.08	14.28	29.58	84.8	38.7	16.5	13.4	11.8	12.8	30.3	46.5	24.08	21
22	33.58	27.08	28.08	83.5	36.1	17.5	13.4	11.3	12.8	30.2	46.1	23.48	22
23	31.58	49.08	27.08	89.3	33.4	17.2	13.7	11.2	12.3	30.9	59.7	22.58	23
24	30.08	47.08	26.58	91.3	31.1	16.8	13.5	11.1	12.3	30.0	55.08	21.58	24
25	28.48	45.08	24.68	87.0	28.7	16.1	13.3	11.1	13.6	28.7	48.08	21.08	25
26	27.28	43.08	23.58	88.7	31.8	15.2	13.0	11.1	13.1	28.1	44.08	20.08	26
27	25.88	41.08	22.48	86.8	28.9	17.0	12.7	10.2	84.8	26.4	40.08	23.58	27
28	24.68	38.58	21.48	90.8	33.3	16.5	12.4	10.0	37.7	25.8	36.08	24.58	28
29	23.58		20.48	86.8	35.8	15.5	12.7	9.71	26.9	24.8	46.08	25.08	29
30	22.58		20.08	89.9	30.8	16.0	13.1	9.20	24.3	23.8	48.08	23.58	30
31	21.58		19.28		27.7		12.8	17.0		23.1		22.08	31
TOTAL	893.8	505.5	833.8	2 100.8	1 849.1	637.5	438.0	407.61	502.07	981.0	1 128.9	988.1	TOTAL
MEAN	28.8	21.8	28.8	70.0	59.8	21.3	14.2	13.1	16.7	31.6	37.6	31.2	MEAN
MAX	49.8	49.0	36.5	91.3	117	34.8	22.3	25.8	84.8	49.8	68.3	51.1	MAX
MIN	18.8	11.4	19.2	18.8	27.7	15.0	11.4	9.20	9.87	23.1	23.1	20.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.1
MAXIMUM DAILY, 117 ON MAY 4
MINIMUM DAILY, 9.20 ON AUG 30
MAXIMUM INSTANTANEOUS,
132 AT 23:22 NST ON MAY 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 48 N
LONG 55 25 30 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	77 200	JUL	37 900
FEB	62 300	AUG	35 200
MAR	72 000	SEP	43 400
APR	181 000	OCT	84 600
MAY	180 000	NOV	87 400
JUN	85 100	DEC	83 600

TOTAL DISCHARGE, 950 000 dam³

NEWFOUNDLAND AND LABRADOR

BIG BROOK AT LEAD COVE - STATION NO. 02ZL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.222	0.219	0.547	0.130B	0.405	0.117	0.073	0.057	0.061	0.088	0.161	0.701	1
2	0.217	0.194	0.455	0.429	0.380	0.182	0.073	0.076	0.055	0.082	0.163	0.489	2
3	0.214	0.183B	0.357	0.871	0.384	0.227	0.056	0.063	0.061	0.108	0.142	0.339	3
4	0.243	0.169B	0.350B	0.831	0.348	0.294	0.055	0.056	0.058	0.144	0.188	0.385	4
5	0.384	0.158B	0.280B	0.785	0.361	0.285	0.048	0.052	0.055	0.158	0.197	0.567	5
6	0.373	0.160	0.260B	0.877	0.355	0.262	0.047	0.048	0.058	0.200	0.208	0.572	6
7	0.368	0.141	0.238B	1.61	0.344	0.208	0.055	0.048	0.050	0.214	0.218	0.480	7
8	0.307	0.134	0.220B	2.45	0.314	0.176	0.057	0.051	0.057	0.241	0.188	0.422	8
9	0.862	0.123	0.203	1.84	0.282	0.143	0.052	0.050	0.053	0.284	0.193	0.370	9
10	1.38	0.119	0.187	1.48	0.275	0.142	0.073	0.049	0.047	0.509	0.211	0.282	10
11	1.05	0.115B	0.188	1.17	0.250	0.140	0.108	0.044	0.048	0.581	0.208	0.223	11
12	0.734	0.108B	0.151	0.931	0.235	0.137	0.119	0.042	0.049	0.532	0.242	0.210	12
13	0.735	0.102B	0.128	0.800	0.212	0.123	0.118	0.043	0.040	0.622	0.236	0.207	13
14	0.800	0.088B	0.121	0.884	0.204	0.111	0.108	0.048	0.036	0.644	0.212	0.202	14
15	0.767	0.085B	0.118	0.557	0.187	0.113	0.134	0.050	0.033	0.592	0.220	0.185	15
16	0.920	0.082B	0.654	0.531	0.180	0.117	0.176	0.050	0.047	0.490	0.203	0.183	16
17	1.11	0.069B	1.32	0.488	0.192	0.116	0.187	0.044	0.049	0.420	0.244	0.176	17
18	0.885	0.067B	1.01	0.434	0.182	0.109	0.175	0.044	0.050	0.393	0.285	0.166	18
19	0.675	0.064B	0.782	0.414	0.168	0.105	0.188	0.037	0.046	0.358	0.304	0.182	19
20	0.565	0.081B	0.585	0.418	0.144	0.117	0.143	0.028	0.047	0.308	0.258	0.182	20
21	0.474	0.079B	0.401	0.398	0.137	0.121	0.123	0.026	0.052	0.265	0.374	0.148B	21
22	0.389	0.342	0.284	0.378	0.136	0.111	0.125	0.027	0.046	0.281	0.798	0.137B	22
23	0.326B	2.88	0.367	0.609	0.135	0.117	0.127	0.028	0.051	0.249	0.828	0.129B	23
24	0.291B	3.05	0.285	0.823	0.138	0.117	0.128	0.031	0.055	0.220	0.910	0.122B	24
25	0.263B	1.74	0.242	0.761	0.137	0.118	0.122	0.039	0.042	0.190	0.798	0.115B	25
26	0.244B	1.17	0.211B	0.695	0.137	0.108	0.103	0.048	0.036	0.178	0.850	0.109B	26
27	0.225B	0.822	0.192B	0.593	0.118	0.102	0.094	0.041	0.057	0.172	0.576	0.215	27
28	0.277	0.848	0.178B	0.505	0.135	0.084	0.081	0.033	0.046	0.157	0.493	0.255	28
29	0.234		0.165B	0.453	0.124	0.087	0.097	0.038	0.048	0.138	0.548	0.253	29
30	0.219		0.152B	0.441	0.126	0.089	0.101	0.043	0.084	0.133	0.637	0.152B	30
31	0.221		0.142B		0.128		0.095	0.056		0.140		0.127B	31
TOTAL	15.835	13.252	10.571	23.583	6.852	4.266	3.244	1.434	1.500	9.085	11.015	8.685	TOTAL
MEAN	0.511	0.473	0.341	0.786	0.221	0.142	0.105	0.046	0.050	0.293	0.367	0.280	MEAN
MAX	1.38	3.05	1.32	2.45	0.405	0.294	0.187	0.087	0.084	0.644	0.910	0.701	MAX
MIN	0.214	0.079	0.118	0.130	0.118	0.084	0.047	0.026	0.033	0.082	0.141	0.109	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.300
MAXIMUM DAILY, 3.05 ON FEB 24
MINIMUM DAILY, 0.026 ON AUG 21
MAXIMUM INSTANTANEOUS,
3.73 AT 22:05 NST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 02 34 N
LONG 53 05 00 W
DRAINAGE AREA, 11.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 370	JUL	280
FEB	1 160	AUG	124
MAR	913	SEP	130
APR	2 040	OCT	785
MAY	592	NOV	952
JUN	368	DEC	750

TOTAL DISCHARGE, 8 440 dam³

BLANCHE BROOK NEAR STEPHENVILLE - STATION NO. 02YJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.05 B	1.14 B	2.35 B	2.45	11.3	2.82	0.834	0.516	7.30	7.78	1.88	2.50	1
2	0.980B	1.06 B	2.07 B	3.17	18.7	2.55	0.853	0.518	9.18	4.81	3.08	2.33	2
3	0.940B	1.03 B	1.80 B	3.78	25.5	2.29	0.669	0.485	8.03	3.58	2.82	2.07	3
4	0.900B	0.980B	1.55 B	3.05	30.6	1.93	0.650	0.482	4.84	16.0	17.8	2.09	4
5	0.850B	0.940B	1.50 B	3.04	17.9	2.48	1.21	25.7	3.58	7.40	10.2	2.14	5
6	0.820B	0.880B	1.40 B	4.87	14.5	2.14	1.13	50.6	2.84	6.05	6.52	2.04	6
7	0.780B	0.860B	1.32 B	17.5	18.5	1.53	0.919	44.1	2.47	5.33	10.9	1.85	7
8	0.750B	0.830B	1.28 B	25.1	27.0	1.41	0.814	46.0	2.18	5.48	7.47	2.00 B	8
9	1.40 B	0.800B	1.18 B	19.9	24.4	1.28	0.718	38.7	2.04	6.74	4.82	2.80 B	9
10	3.40 B	0.770B	1.12 B	10.8	20.0	0.897	0.820	22.9	1.88	23.2	6.52	3.05 B	10
11	3.00 B	0.740B	1.06 B	7.18	18.4	0.904	0.823	15.0	1.70	12.5	9.57	2.55 B	11
12	2.80 B	0.720B	1.02 B	5.81	13.9	1.00	0.844	10.6	1.88	7.75	8.11	2.25 B	12
13	2.25 B	0.700B	0.980B	5.49	15.8	1.01	0.857	9.77	1.53	5.75	6.08	2.05 B	13
14	1.95 B	0.680B	0.930B	5.41	10.7	0.904	0.880	64.6	1.40	5.11	5.31	1.88 B	14
15	1.80 B	0.570B	0.880B	5.68	9.23	0.806	0.801	23.7	1.18	4.81	4.60	1.70 B	15
16	2.20 B	0.650B	1.38 B	6.80	8.18	0.740	0.521	14.1	1.13	3.79	11.6	1.55 B	16
17	4.80 B	0.640B	2.80 B	7.51	8.04	0.678	0.478	9.47	1.11	14.6	12.1	1.40 B	17
18	4.25 B	0.630B	2.40 B	9.33	7.55	0.670	0.477	6.36	1.04	9.67	8.88	1.30 B	18
19	3.95 B	0.610B	2.05 B	10.9	6.39	0.685	0.451	4.77	0.959	8.32	6.17	1.20 B	19
20	3.50 B	0.595B	1.85 B	12.0	5.88	0.747	0.479	2.73	0.881	4.32	5.33	1.12 B	20
21	3.10 B	0.580B	1.67 B	8.55	4.77	0.782	0.420	3.03	0.640	3.47	4.35	1.04 B	21
22	2.75 B	1.60 B	1.62 B	6.37	4.02	0.782	2.58	2.81	0.894	5.01	6.58	0.980B	22
23	2.35 B	8.20 B	1.42 B	6.55	4.10	0.688	1.87	3.58	0.829	4.67	5.18	0.910B	23
24	2.15 B	6.80 B	1.35 B	5.27	3.30	0.677	0.910	3.04	1.92	3.98	4.28	0.870B	24
25	1.88 B	5.60 B	1.27 B	4.58	8.20	0.648	0.888	4.41	2.95	3.84	3.78	0.820B	25
26	1.72 B	4.50 B	1.22 B	4.98	11.7	0.671	0.803	6.61	1.48	3.18	3.44	0.770B	26
27	1.68 B	3.90 B	1.16 B	5.84	8.51	0.640	0.852	11.1	10.4	2.78	2.88	0.740B	27
28	1.48 B	3.20 B	1.12 B	6.15	4.82	0.587	0.804	7.86	8.27	2.52	2.86	0.700B	28
29	1.37 B		1.98	6.18	4.63	1.57	0.586	4.70	7.71	2.70	2.59	0.660B	29
30	1.26 B		4.38	8.21	4.51	1.22	0.588	3.84	13.4	2.48	2.49	0.620B	30
31	1.22 B		3.21		3.88		0.581	11.7		2.01		0.600B	31
TOTAL	62.880	50.035	51.270	232.03	373.51	35.714	23.651	442.405	105.483	195.59	186.25	48.180	TOTAL
MEAN	2.03	1.79	1.65	7.73	12.0	1.19	0.763	14.3	3.52	6.35	6.28	1.55	MEAN
MAX	4.80	8.20	4.38	25.1	25.5	2.82	2.58	64.6	13.4	23.2	17.8	3.05	MAX
MIN	0.750	0.580	0.880	2.45	3.30	0.640	0.420	0.465	0.829	2.01	1.88	0.600	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.98
MAXIMUM DAILY, 64.6 ON AUG 14
MINIMUM DAILY, 0.420 ON JUL 21
MAXIMUM INSTANTANEOUS,
173E AT 14:48 NST ON AUG 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 32 56 N
LONG 58 34 11 W
DRAINAGE AREA, 120 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 420	JUL	2 040
FEB	4 320	AUG	38 200
MAR	4 430	SEP	9 110
APR	20 000	OCT	17 000
MAY	32 300	NOV	16 300
JUN	3 090	DEC	4 180

TOTAL DISCHARGE, 156 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 126.2 IS DUE TO CURVE EXTENSION

BOOT BROOK AT TRANS-CANADA HIGHWAY - STATION NO. 02YK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.018E	0.025E	0.310E	0.035E	0.896	0.307	0.048	0.004	0.282	0.513	0.173	0.130E	1
2	0.017E	0.031E	0.220E	0.038E	1.01	0.277	0.037	0.004	0.295	0.358	0.155	0.112E	2
3	0.017E	0.037E	0.155E	0.050E	1.84	0.249	0.031	0.003	0.329	0.283	0.146	0.102E	3
4	0.016E	0.044E	0.120E	0.080E	2.02	0.191	0.022	0.003	0.276	0.518	0.831	0.093E	4
5	0.015E	0.040E	0.090E	0.140E	1.14	0.321	0.071	0.013	0.215	0.564	1.08	0.088E	5
6	0.015E	0.038E	0.070E	0.270E	0.588	0.204	0.072	0.085	0.171	0.393	0.878	0.078E	6
7	0.014E	0.033E	0.060E	0.800E	0.488	0.177	0.081	0.137	0.140	0.333	0.840	0.078E	7
8	0.014E	0.030E	0.050E	4.00 B	0.419	0.142	0.048	0.171	0.117	0.401	0.594	0.088E	8
9	0.125E	0.027E	0.040E	2.00 B	0.384	0.123	0.042	0.208	0.103	0.802	0.421	0.084E	9
10	0.180E	0.025E	0.032E	2.20 B	0.352	0.105	0.047	0.182	0.087	3.83	0.503	0.089E	10
11	0.180E	0.023E	0.027E	1.80 B	0.335	0.094	0.038	0.141	0.070	1.81	0.593	0.088E	11
12	0.140E	0.021E	0.023E	1.20 B	0.282	0.074	0.037	0.114	0.068	0.888	0.548	0.081E	12
13	0.125E	0.018E	0.020E	0.950E	0.232	0.072	0.063	0.086	0.084	0.589	0.700	0.067E	13
14	0.144E	0.016E	0.017E	0.700E	0.185	0.068	0.052	0.138	0.083	0.511	0.488	0.044E	14
15	0.100E	0.017E	0.016E	0.750E	0.189	0.083	0.041	0.241	0.075	0.411	0.327	0.041E	15
16	0.091E	0.015E	0.027E	0.850E	0.178	0.080	0.043	0.224	0.078	0.317	0.310	0.038E	16
17	0.083E	0.014E	0.050E	0.850E	0.170	0.048	0.034	0.222	0.072	0.836	0.788	0.037E	17
18	0.078E	0.013E	0.090E	1.13 B	0.157	0.038	0.027	0.216	0.068	0.875	1.38	0.034E	18
19	4.088E	0.012E	0.380E	1.33	0.123	0.036	0.024	0.181	0.057	0.613	0.780	0.032E	19
20	0.062E	0.012E	0.318E	1.32	0.108	0.033	0.020	0.148	0.054	0.400	0.543	0.031E	20
21	0.057E	0.011E	0.200E	0.807	0.104	0.031	0.015	0.128	0.052	0.315	0.396	0.028E	21
22	0.053E	0.030E	0.140E	0.628	0.093	0.026	0.014	0.152	0.048	0.521	0.423	0.028E	22
23	0.048E	0.070E	0.100E	0.734	0.086	0.023	0.013	0.472	0.041	0.680	0.587	0.027E	23
24	0.114E	0.180E	0.070E	0.756	0.087	0.020	0.010	0.700	0.051	0.585	0.5008	0.028E	24
25	0.041E	0.380E	0.050E	0.724	0.188	0.018	0.008	1.18	0.077	0.444	0.388B	0.026E	25
26	0.038E	1.00 B	0.040E	0.895	1.40	0.013	0.007	0.834	0.070	0.351	0.300B	0.024E	26
27	0.035E	0.700E	0.030E	0.877	1.03	0.018	0.005	0.540	1.30	0.284	0.248B	0.023E	27
28	0.033E	0.480E	0.025E	0.508	1.15	0.028	0.004	0.352	1.56	0.254	0.208B	0.022E	28
29	0.031E		0.035E	0.512	1.46	0.091	0.004	0.241	0.818	0.231	0.174B	0.021E	29
30	0.029E		0.041E	0.681	0.738	0.058	0.005	0.220	0.670	0.207	0.145B	0.021E	30
31	0.027E		0.032E		0.427		0.004	0.288		0.198		0.020E	31
TOTAL	1.985	3.343	2.675	27.817	17.726	2.876	0.843	7.805	7.448	18.487	15.333	1.548	TOTAL
MEAN	0.064	0.119	0.083	0.827	0.572	0.086	0.030	0.248	0.248	0.629	0.511	0.050	MEAN
MAX	0.180	1.00	0.380	4.00	2.02	0.307	0.072	1.18	1.56	3.83	1.38	0.130	MAX
MIN	0.014	0.011	0.015	0.025	0.086	0.013	0.004	0.003	0.041	0.198	0.145	0.020	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.289
MAXIMUM DAILY, 4.08B ON APR 8
MINIMUM DAILY, 0.003 ON AUG 3
MAXIMUM INSTANTANEOUS,
4.78E AT 10:40 NST ON OCT 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 15 59 N
LONG 57 08 14 W
DRAINAGE AREA, 20.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	172	JUL	81.5
FEB	288	AUG	687
MAR	248	SEP	643
APR	2 400	OCT	1 590
MAY	1 530	NOV	1 330
JUN	248	DEC	134

TOTAL DISCHARGE, 8 400 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 4.28 IS DUE TO CURVE EXTENSION

BOTTOM CREEK NEAR ROCKY HARBOUR - STATION NO. 02YH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.520E	0.420E	0.535E	0.375E	1.55	0.851	0.431	0.085	1.53	0.778	0.547	0.620E	1
2	0.588E	0.450E	0.500E	0.400E	1.41	0.822	0.387	0.078	1.52	0.760	0.528	0.595E	2
3	0.570E	0.425E	0.470E	0.430E	2.48	0.832	0.378	0.084	1.43	0.751	0.533	0.565E	3
4	0.558E	0.405E	0.450E	0.480E	3.31	0.814	0.361	0.070	1.25	0.858	0.804	0.539E	4
5	0.540E	0.390E	0.425E	0.585	3.59	0.882	0.374	0.183	1.09	0.895	0.841	0.510E	5
6	0.518E	0.370E	0.400E	0.780	3.23	0.848	0.381	0.424	0.988	1.01	0.942	0.480E	6
7	0.500E	0.355E	0.385E	2.14	2.88	0.824	0.372	0.880	0.867	0.896	0.933	0.480E	7
8	0.485E	0.335E	0.365E	3.81	2.87	0.815	0.373	0.871	0.784	0.886	0.868	0.540E	8
9	0.468E	0.320E	0.350E	4.85	2.84	0.492	0.376	1.09	0.708	1.08	0.834	0.680E	9
10	1.00 B	0.308E	0.338E	4.01	2.41	0.449	0.381	1.12	0.648	2.08	0.858	0.900E	10
11	0.900E	0.290E	0.323E	3.08	2.18	0.402	0.325	1.07	0.598	2.14	0.812	0.880E	11
12	0.830E	0.260E	0.305E	2.40	1.98	0.387	0.302	0.947	0.577	2.07	0.784	0.780E	12
13	0.780E	0.265E	0.295E	1.86	1.85	0.338	0.288	0.882	0.553	1.85	0.809	0.700E	13
14	0.880E	0.250E	0.285E	1.75	1.80	0.318	0.272	0.885	0.513	1.84	0.773	0.630E	14
15	0.850E	0.240E	0.500E	1.83	1.78	0.298	0.248	0.828	0.482	1.88	0.784	0.573E	15
16	0.800E	0.230E	0.900E	1.56	1.81	0.288	0.228	0.897	0.434	1.84	0.781	0.510E	16
17	0.750E	0.220E	1.80 B	1.48	1.48	0.286	0.212	0.889	0.398	1.87	0.880	0.470E	17
18	0.700E	0.215E	1.45 B	1.55	1.35	0.266	0.189	0.882	0.374	1.34	1.05	0.420E	18
19	0.880E	0.205E	1.22 B	1.72	1.18	0.307	0.172	0.834	0.382	1.23	1.09	0.440E	19
20	0.820E	0.195E	1.05 B	2.08	1.02	0.302	0.162	0.758	0.401	1.11	1.12	0.483E	20
21	0.840E	0.240E	0.850E	2.04	0.907	0.290	0.148	0.718	0.401	1.02	1.11	0.440E	21
22	0.658E	0.370E	0.710E	1.88	0.839	0.287	0.131	0.853	0.404	0.935	1.08	0.410E	22
23	0.525E	0.550E	0.600E	1.87	0.788	0.278	0.128	1.14	0.402	0.883	1.06	0.385E	23
24	0.500E	0.900E	0.500E	1.82	0.718	0.254	0.120	1.18	0.411	0.837	1.03	0.380E	24
25	0.470E	1.20 B	0.480E	1.71	0.703	0.237	0.118	1.48	0.415	0.794	0.914	0.330E	25
26	0.450E	0.950E	0.380E	1.58	0.723	0.223	0.109	1.82	0.445	0.758	0.882	0.310E	26
27	0.430E	0.780E	0.360E	1.61	0.743	0.214	0.107	1.73	0.527	0.717	0.8008	0.287B	27
28	0.410E	0.680E	0.335E	1.58	0.757	0.241	0.107	1.62	0.578	0.668	0.7408	0.320E	28
29	0.380E		0.325E	1.62	0.757	0.488	0.108	1.46	0.808	0.620	0.7008	0.310E	29
30	0.375E		0.345E	1.65	0.725	0.450	0.098	1.29	0.797	0.582	0.6708	0.280E	30
31	0.355E		0.390E		0.694		0.088	1.59		0.551		0.270E	31
TOTAL	18.827	11.818	17.381	54.570	51.272	11.890	7.436	28.272	20.583	35.286	25.822	15.417	TOTAL
MEAN	0.601	0.422	0.581	1.82	1.65	0.390	0.240	0.912	0.686	1.14	0.861	0.497	MEAN
MAX	1.00	1.20	1.80	4.85	3.59	0.851	0.431	1.73	1.53	2.14	1.12	0.900	MAX
MIN	0.355	0.195	0.285	0.375	0.694	0.214	0.088	0.088	0.374	0.551	0.528	0.270	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.817
MAXIMUM DAILY, 4.85 ON APR 9
MINIMUM DAILY, 0.088 ON AUG 3
MAXIMUM INSTANTANEOUS,
5.04 AT 10:42 NST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 35 08 N
LONG 57 54 34 W
DRAINAGE AREA, 33.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 810	JUL	842
FEB	1 020	AUG	2 440
MAR	1 500	SEP	1 780
APR	4 710	OCT	3 050
MAY	4 430	NOV	2 230
JUN	1 010	DEC	1 330

TOTAL DISCHARGE, 25 800 dam³

NEWFOUNDLAND AND LABRADOR

CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS - STATION NO. 03OE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	2 580A	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	1 280A	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	1 480A	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 52 N
LONG 60 47 21 W
DRAINAGE AREA, 93 500 km²
A - MANUAL GAUGE

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE - STATION NO. 03OD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 480	1 810	1 390	828	887	1 040	838	800	838	800	1 210	1 880	1
2	1 570	1 830	1 470	738	848	1 080	848	880	848	818	1 210	1 810	2
3	1 710	1 870	1 530	1 080	808	838	843	889	821	938	1 210	1 220	3
4	1 830	1 280	1 450	1 010	809	823	885	839	817	1 100	1 020	1 800	4
5	1 880	1 170	880	838	886	1 020	1 030	878	821	1 080	880	1 740	5
6	1 880	1 820	1 820	1 000	851	1 100	1 040	870	803	864	1 180	1 820	6
7	1 420	1 880	1 880	1 010	885	1 030	888	781	823	880	1 120	1 830	7
8	1 280	1 810	1 880	711	881	1 020	838	788	811	838	1 240	1 780	8
9	1 300	1 880	1 280	722	884	1 010	713	822	838	723	1 200	1 800	9
10	1 470	1 830	1 310	885	880	882	1 110	884	848	1 030	1 220	1 480	10
11	1 880	1 280	1 070	888	832	721	1 120	878	805	871	883	1 880	11
12	1 880	1 140	848	863	833	1 030	1 010	882	782	1 010	733	1 740	12
13	1 840	1 830	1 070	861	888	882	1 010	875	788	882	1 230	1 780	13
14	1 120	1 820	1 480	817	885	1 030	1 010	848	771	718	1 250	1 830	14
15	1 130	1 810	1 280	868	824	1 020	830	877	878	826	1 240	1 780	15
16	1 800	1 810	1 330	814	813	1 070	711	883	835	1 070	1 180	1 880	16
17	1 420	1 840	1 280	888	830	808	822	883	808	1 080	1 280	1 880	17
18	1 880	1 880	885	1 010	836	888	835	889	848	1 280	1 180	1 730	18
19	1 850	1 100	724	888	835	1 040	788	874	880	1 310	1 310	1 780	19
20	1 840	1 280	1 180	1 070	888	1 030	831	832	883	1 320	1 400	1 780	20
21	1 870	1 730	1 130	1 080	888	1 030	847	883	888	1 080	1 410	1 780	21
22	1 280	1 800	1 130	878	712	1 040	733	828	817	800	1 480	1 880	22
23	1 800	1 820	1 120	828	1 040	888	801	840	878	1 070	1 470	1 770	23
24	1 850	1 830	828	884	1 040	885	817	843	848	1 040	1 820	1 820	24
25	1 880	1 410	711	844	1 030	884	783	888	808	882	1 330	1 430	25
26	1 880	1 080	722	848	1 070	1 040	802	880	832	880	1 170	1 870	26
27	1 880	1 480	828	818	887	878	824	833	888	811	1 420	1 780	27
28	1 270	1 430	878	851	878	808	824	819	872	722	1 280	1 770	28
29	1 100		1 180	708	1 030	1 070	888	787	888	870	1 840	1 720	29
30	1 810		1 220	878	1 080	1 080	880	808	883	1 080	1 830	1 720	30
31	1 810		1 120		1 040		748	783		1 180		1 800	31
TOTAL	48 810	41 440	38 880	28 531	27 038	27 837	26 137	24 808	23 212	28 223	37 858	51 780	TOTAL
MEAN	1 800	1 480	1 180	884	872	928	843	781	774	843	1 280	1 870	MEAN
MAX	1 710	1 730	1 890	1 080	1 070	1 100	1 120	878	889	1 320	1 430	1 880	MAX
MIN	1 100	1 080	711	814	851	884	880	870	809	800	733	1 220	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 080
MAXIMUM DAILY, 1 880 ON DEC 22
MINIMUM DAILY, 800 ON OCT 1

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 32 10 N
LONG 63 57 51 W
DRAINAGE AREA, 69 200 km²

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 030 000	JUL	2 280 000
FEB	3 580 000	AUG	2 120 000
MAR	3 170 000	SEP	2 010 000
APR	2 280 000	OCT	2 320 000
MAY	2 340 000	NOV	3 280 000
JUN	2 410 000	DEC	4 470 000

TOTAL DISCHARGE, 34 800 000 dam³

CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS - STATION NO. 030E007

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	5.780	5.273	---	---	---	---	3.740	5.253	1
2	---	---	---	14.440	5.500	5.155	---	---	---	---	3.751	5.317	2
3	---	---	---	14.430	5.320	---	---	---	---	---	3.844	5.476	3
4	---	---	---	14.230	5.380	---	---	---	---	---	3.838	5.888	4
5	---	---	---	14.000	5.385	---	---	---	---	---	3.973	5.474	5
6	---	---	---	13.880	5.381	---	---	---	---	---	3.950	5.487	6
7	---	---	---	13.840	5.478	---	---	---	---	---	3.890	5.558	7
8	---	---	---	13.780	5.818	---	---	---	---	4.336	3.850	5.805	8
9	---	---	---	14.130	5.978	---	---	---	---	4.172	3.858	7.088	9
10	---	---	---	14.010	5.478	---	---	---	---	4.030	3.908	5.788	10
11	---	---	---	13.870	5.867	---	---	---	---	3.931	3.945	5.958	11
12	---	---	---	13.810	10.371	---	---	---	---	3.912	3.961	---	12
13	---	---	---	13.380	10.780	---	---	---	---	3.943	3.931	5.840A	13
14	---	---	---	13.000	10.726	---	---	---	---	3.988	3.813	5.713	14
15	---	---	---	12.500	10.348	---	---	---	---	3.987	3.736	5.884	15
16	---	---	---	12.080	9.944	---	---	---	---	3.910	3.788	5.812	16
17	---	---	---	11.880	9.510	---	---	---	---	3.805	3.888	6.804	17
18	---	---	---	10.850	9.028	---	---	---	---	3.744	3.889	5.570	18
19	---	---	---	10.480	8.855	---	---	---	---	3.770	3.945	5.472	19
20	---	---	---	10.380	---	---	---	---	---	3.852	3.998	5.428	20
21	---	---	---	10.450	---	---	---	---	---	3.948	4.028	5.468	21
22	---	---	---	10.320	---	---	---	---	---	4.134	4.132	5.570	22
23	---	---	---	10.260	8.308A	---	---	---	---	4.287	4.436	5.933A	23
24	---	---	---	10.330	8.088	---	---	---	---	4.241	5.261	---	24
25	---	---	---	9.950	8.858	---	---	---	---	4.181	5.248	2.008A	25
26	---	---	---	9.520	8.728	---	---	---	---	4.164	5.338	---	26
27	---	---	---	9.380	8.584	---	---	---	---	4.108	6.318	---	27
28	---	---	---	9.190	8.488	---	---	---	---	4.044	5.198	---	28
29	---		---	9.110	8.458	---	---	---	---	3.973	5.288	---	29
30	---		---	9.010	8.533	---	---	---	---	3.888	5.248	---	30
31	---		---		8.417		---	---		3.782		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	4.437	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	5.338	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	3.736	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 57 N
LONG 60 46 08 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHURCHILL RIVER AT GRIZZLE RAPIDS - STATION NO. 030E008

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	8.635	---	3.737	4.524	---	---	---	3.880	3.784	4.003	1
2	---	---	8.778	---	3.828	---	---	---	---	3.784	3.820	4.041	2
3	---	---	8.788	7.348	3.839	---	---	---	---	3.767	3.880	4.018	3
4	---	---	8.720	8.895	3.845	---	---	---	---	3.828	3.853	4.012	4
5	---	---	8.881	8.888	3.758	---	---	---	---	3.931	3.784	3.880	5
6	9.278	---	8.883	8.785	3.788	---	---	---	---	4.008	3.758	4.031	6
7	8.848	---	9.327	8.718	3.820	---	---	---	---	4.008	3.783	4.078	7
8	8.883	---	9.038	8.724	3.854	---	---	---	---	3.934	3.781	4.088	8
9	9.521	---	8.548	8.628	4.028	---	---	---	---	3.832	3.813	4.119	9
10	9.880	---	8.545	8.388	4.320	---	---	---	3.882	3.777	3.843	4.843	10
11	9.214	---	8.448	8.208	4.810	---	---	---	3.883	3.788	3.838	5.801	11
12	8.808	---	8.081	8.288	4.829	---	---	---	3.872	3.828	3.758	4.200	12
13	7.824	---	7.888	8.332	4.847	---	---	---	3.878	3.845	3.883	4.158	13
14	7.813	---	7.287	8.338	4.888	---	---	---	3.880	3.835	3.888	4.188	14
15	8.118	---	7.484	8.284	4.708	---	---	---	3.888	3.788	3.780	4.187	15
16	8.448	8.874	7.838	8.087	4.748	---	---	---	3.883	3.880	---	4.202	16
17	8.372	8.387	7.874	8.778	4.820	---	---	---	3.880	3.883	---	4.188	17
18	8.085	8.512	---	8.077	4.857	---	---	---	3.808	3.747	3.783	4.080	18
19	8.001	8.834	---	4.847	4.888	---	---	---	3.454	3.813	3.772	4.058	19
20	8.858	8.718	---	4.812	4.804	---	---	---	3.488	3.883	3.778	4.048	20
21	8.883	8.884	---	4.574	4.888	---	---	---	3.518	3.988	3.783	4.085	21
22	---	8.717	---	4.480	4.808	---	---	---	3.525	4.048	3.828	4.087	22
23	---	8.708	---	4.380	4.738	---	---	---	3.578	3.978	3.857	4.088	23
24	---	8.500	---	4.288	4.881	---	---	---	3.712	3.857	3.878	4.144	24
25	---	8.443	---	4.121	4.873	---	---	---	3.782	3.840	3.928	4.085	25
26	---	8.438	---	4.048	4.871	---	---	---	3.775	3.912	3.948	4.080	26
27	---	8.883	---	3.992	4.881	---	---	---	3.843	3.858	3.828	4.000	27
28	---	8.888	---	3.955	4.848	---	---	---	3.890	3.787	3.821	4.438	28
29	---		---	3.933	4.838	---	---	---	3.823	3.713	3.848	5.558	29
30	---		---	3.898	4.822	---	---	---	3.836	3.647	3.842	3.782	30
31	---		---		4.874		---	---		3.874		4.088	31
MEAN	---	---	---	---	4.422	---	---	---	---	3.842	---	4.200	MEAN
MAX	---	---	---	---	4.804	---	---	---	---	4.048	---	5.801	MAX
MIN	---	---	---	---	3.828	---	---	---	---	3.647	---	3.782	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 06 N
LONG 61 25 59 W

REGULATED SINCE 1971

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NEWFOUNDLAND AND LABRADOR

CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS - STATION NO. 03OE005

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.185	-0.188	---	0.851	0.083	0.282	1
2	---	---	---	---	---	---	0.102	-0.292	---	0.883	0.208	0.443	2
3	---	---	---	---	---	1.410	-0.037	-0.330	---	0.412	0.308	0.382	3
4	---	---	---	---	---	1.280	-0.334	-0.301	---	0.384	0.403	0.840	4
5	---	---	---	---	---	1.048	-0.385	-0.188	---	0.483	0.452	0.573	5
6	---	---	---	---	---	0.824	-0.385	-0.136	---	0.822	0.381	0.644	6
7	---	---	---	---	---	0.721	-0.327	-0.120	---	0.727	0.304	0.538	7
8	---	---	---	---	---	0.720	-0.280	0.015	---	0.751	0.288	0.882	8
9	---	---	---	---	---	0.702	-0.258	0.058	---	0.850	0.308	0.835	9
10	---	---	---	---	---	0.843	-0.298	0.037	---	0.803	0.348	0.833	10
11	---	---	---	---	---	0.886	-0.388	0.020	---	0.378	0.400	0.525	11
12	---	---	---	---	---	0.651	-0.383	0.042	0.084	0.387	0.438	0.851	12
13	---	---	---	---	---	0.343	-0.203	0.052	0.030	0.402	0.381	0.887	13
14	---	---	---	---	---	0.284	-0.134	-0.002	0.081	0.426	0.188	0.824	14
15	---	---	---	---	---	0.278	-0.152	-0.128	0.081	0.424	0.093	0.881	15
16	---	---	---	---	---	0.259	-0.171	-0.200	0.036	0.337	0.175	0.837	16
17	---	---	---	---	---	0.241	-0.215	---	0.034	0.188	---	0.888	17
18	---	---	---	---	---	0.219	-0.331	---	-0.030	0.136	---	0.847	18
19	---	---	---	---	---	0.141	-0.438	---	-0.144	0.207	---	0.772	19
20	---	---	---	---	---	0.024	-0.458	---	-0.238	0.318	0.327	0.781	20
21	---	---	---	---	---	-0.048	-0.478	---	-0.202	0.434	0.303	0.749	21
22	---	---	---	---	---	-0.028	-0.527	---	-0.148	0.887	0.367	0.723	22
23	---	---	---	---	---	-0.018	-0.548	---	-0.133	0.869	0.284	0.648	23
24	---	---	---	---	---	-0.030	-0.578	---	0.130	0.778	0.313	0.740	24
25	---	---	---	---	---	-0.158	-0.682	---	0.488	0.898	0.300	0.743	25
26	---	---	---	---	---	-0.370	-0.728	---	0.488	0.870	0.382	0.742	26
27	---	---	---	---	---	-0.512	-0.718	---	0.455	0.810	0.400	0.848	27
28	---	---	---	---	---	-0.478	-0.647	---	0.532	0.528	0.351	0.827	28
29	---		---	---	---	-0.078	-0.382	---	0.592	0.433	0.423	0.801	29
30	---		---	---	---	0.181	-0.054	---	0.840	0.302	0.309	0.528	30
31	---		---	---	---		-0.038	---		0.142		0.540	31
MEAN	---	---	---	---	---	---	-0.327	---	---	0.486	---	0.631	MEAN
MAX	---	---	---	---	---	---	0.185	---	---	0.869	---	0.881	MAX
MIN	---	---	---	---	---	---	-0.728	---	---	0.138	---	0.282	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 38 N
LONG 60 48 24 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 8.101 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - GSC DATUM ESTABLISHED BY S.N.C.-LAVLIN NFLD. LTD. IN 1979

COME BY CHANCE RIVER NEAR GODDIES - STATION NO. 02ZH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.10 B	0.7288	1.55	0.485	2.88	0.211	0.321	0.248	0.400	1.58	0.380	1.22	1
2	0.9208	0.6458	1.26 B	1.22	3.05	0.708	0.270	0.202	0.488	1.18	0.488	0.977	2
3	0.7508	0.5858	0.9508	2.71	3.18	1.81	0.226	0.171	0.801	0.887	0.470	0.788	3
4	0.6418	0.5438	0.7908	2.78	4.29	1.59	0.189	0.137	0.882	2.97	0.817	2.32	4
5	0.8308	0.8008	0.7028	2.42	3.72	1.31	0.178	0.119	0.805	8.10	1.28	4.80	5
6	1.85 B	0.4728	0.6258	3.85	2.67	1.11	0.148	0.107	0.848	4.28	1.18	2.05	6
7	1.41 B	0.4388	0.5588	5.81	2.28	0.887	0.281	0.122	0.821	3.02	1.23	1.80 B	7
8	1.17 B	0.4008	0.5028	8.54	1.85	0.682	0.484	0.173	0.425	3.48	1.00 E	1.37 B	8
9	2.25 B	0.3728	0.4678	8.81	1.60	0.580	0.705	0.248	0.374	2.88	0.815E	1.12 B	9
10	7.84	0.3658	0.4178	6.00	1.41	0.472	0.898	0.298	0.320	3.35	0.842E	0.9208	10
11	5.40	0.3318	0.3638	4.78	1.27	0.408	1.05	0.288	0.277	2.81	1.08 E	0.7808	11
12	5.18	0.3088	0.3568	4.22	1.12	0.380	0.820	0.261	0.238	1.98	1.21 E	0.8858	12
13	3.87	0.2858	0.3358	3.78	0.910	0.381	0.658	0.220	0.188	1.57	1.08 E	0.8418	13
14	3.20 B	0.2718	0.3138	3.50	0.815	0.372	0.784	0.182	0.172	1.27	0.825E	0.8208	14
15	2.85	0.2808	0.303	3.26	0.772	0.381	1.85	0.183	0.172	1.02	1.27 E	0.4788	15
16	3.02	0.2488	1.01	2.98	0.732	0.330	2.50	0.188	0.388	0.810	1.82 E	0.4308	16
17	3.43	0.2388	3.87	3.20	0.671	0.308	2.01	0.184	0.424	0.835	3.00 E	0.3868	17
18	2.88	0.2228	2.83	2.80	0.600	0.315	1.84	0.176	0.613	0.775	2.82 E	0.680	18
19	2.37	0.2138	2.10	3.77	0.512	0.289	1.18	0.155	0.478	0.705	2.30 E	0.887	19
20	1.90 B	0.2038	1.57 B	4.13	0.448	0.452	0.878	0.139	0.402	0.629	2.02 E	0.770	20
21	1.53 B	0.3918	1.30 B	3.58	0.422	0.480	0.888	0.120	0.381	0.568	1.85 A	0.7008	21
22	1.33 B	0.5108	1.13 B	3.57	0.387	0.488	0.582	0.114	0.385	0.702	4.25	0.6208	22
23	1.15 B	1.80 B	0.9808	7.10	0.311	0.483	0.532	0.115	0.295	0.941	3.74	0.5808	23
24	1.04 B	7.85 B	0.8788	8.45	0.278	0.443	0.519	0.115	0.261	0.918	3.05	0.4828	24
25	0.9608	8.20 B	0.7808	5.40	0.280	0.372	0.437	0.121	0.288	0.733	2.58	0.4408	25
26	0.8408	3.80 B	0.7308	4.35	0.214	0.332	0.333	0.142	0.258	0.723	2.32	0.4058	26
27	0.7628	2.70	0.6708	3.61	0.212	0.332	0.261	0.180	1.48	0.870	1.72	0.8008	27
28	0.7018	1.83	0.6158	3.58	0.205	0.321	0.229	0.174	2.84	0.815	1.25	1.80 B	28
29	0.8438		0.5628	3.38	0.241	0.304	0.250	0.175	1.85	0.588	1.22	1.12	29
30	0.8008		0.5358	3.10	0.241	0.304	0.331	0.188	1.88	0.525	1.44	0.7888	30
31	0.8808		0.4878		0.228		0.287	0.187		0.438		0.5908	31
TOTAL	82.877	31.395	28.357	126.048	37.840	18.567	21.587	5.438	18.517	49.451	49.474	32.671	TOTAL
MEAN	2.02	1.12	0.915	4.20	1.22	0.552	0.888	0.175	0.617	1.60	1.65	1.05	MEAN
MAX	7.84	7.85	2.83	8.81	4.28	1.81	2.50	0.288	2.84	8.10	4.25	4.80	MAX
MIN	0.800	0.303	0.303	0.485	0.205	0.211	0.148	0.107	0.172	0.438	0.380	0.388	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.31
MAXIMUM DAILY, 8.81 ON APR 5
MINIMUM DAILY, 0.107 ON AUG 6
MAXIMUM INSTANTANEOUS,
11.1 AT 00:12 NST ON APR 24

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 55 07 N
LONG 53 55 59 W
DRAINAGE AREA, 43.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 410	JUL	1 870
FEB	2 710	AUG	470
MAR	2 450	SEP	1 600
APR	10 900	OCT	4 270
MAY	3 280	NOV	4 270
JUN	1 630	DEC	2 810

TOTAL DISCHARGE, 41 500 dam³

CONNE RIVER AT OUTLET OF CONNE RIVER POND - STATION NO. 02ZE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	8.11	1.58	0.388	0.830	1.07	3.58	1.08E	1.78	1
2	---	---	---	---	5.93	1.78	0.302	0.700	1.13	2.72	1.22A	1.84	2
3	---	---	---	---	8.23	2.81	0.248	0.887	1.51	2.14	1.46	1.38	3
4	---	---	---	---	13.8	2.84	0.208E	0.403	1.83	3.28	1.88	1.30	4
5	---	---	---	---	8.49	2.18	0.173E	0.324	1.33	5.88	2.88	1.73	5
6	---	---	---	---	6.00	1.71	0.180E	0.377	1.03	5.08	2.72	2.18	6
7	---	---	---	---	4.38	1.32	0.178E	0.500	0.788	3.85	2.22	2.24	7
8	---	---	---	---	3.40	1.08	0.188E	1.34	0.641	3.53	2.14	1.98	8
9	---	---	---	---	2.84	0.985	0.198E	8.43	0.532	3.60	2.03	1.78	9
10	---	---	---	---	2.45	0.880	0.227E	8.24	0.437	8.42	2.04	1.80	10
11	---	---	---	---	2.17	0.520	0.247	3.81	0.380	6.81	2.83	1.40	11
12	---	---	---	8.73A	1.88	0.444	0.328	2.38	0.423	4.44	3.22	1.22	12
13	---	---	---	10.1	1.82	0.488	0.427	1.80	1.18	3.21	3.78	1.10	13
14	---	---	---	8.48	1.48	0.884	0.488	1.28	3.24	2.84	3.34	1.01	14
15	---	---	---	7.98	1.38	0.847	1.42	1.81	3.34	2.11	2.89	0.985	15
16	---	---	---	8.98	1.38	0.482	4.87	1.87	3.88	1.82	2.87	0.974	16
17	---	---	---	10.1	1.41	0.421	4.15	1.75	3.45	1.83 A	4.44	0.938	17
18	---	---	---	8.28	1.30	0.344	2.88	1.35	2.75	2.80 E	12.2	0.818	18
19	---	---	---	8.81	1.07	0.341	1.78	0.993	2.04	4.28 E	8.17	0.8008	19
20	---	---	---	10.0	0.881	0.357	1.21	0.783	1.82	3.30 E	5.87	0.8858	20
21	---	---	---	7.40	0.781	0.485	0.871	0.813	1.25	2.45 E	3.88	0.8408	21
22	---	---	---	8.28	0.883	0.841	0.808	0.831	1.01	2.88 E	8.73	0.8208	22
23	---	---	---	8.54	0.858	0.881	1.23	0.448	0.813	2.90 E	8.45	0.7908	23
24	---	---	---	8.55	0.808	0.722	1.30	0.381	0.748	1.88 E	5.84	0.7858	24
25	---	---	---	7.88	0.474	0.885	1.02	0.444	0.805	1.58 E	4.11	0.7458	25
26	---	---	---	8.22	0.823	0.808	0.781	0.837	0.804	1.28 E	3.15	0.7208	26
27	---	---	---	7.98	0.724	0.483	0.843	0.878	10.0	1.10 E	2.38	0.880	27
28	---	---	---	7.42	1.15	0.481	0.814	0.715	18.3	1.02 E	1.88	1.24	28
29	---	---	---	8.52	2.87	0.457	0.858	0.885	8.10	0.840E	1.75	1.47	29
30	---	---	---	8.17	3.15	0.441	0.881	0.803	5.34	0.900E	1.88	1.48	30
31	---		---		2.21		0.893	0.870		0.880E		1.24	31
TOTAL	---	---	---	---	87.838	28.818	28.888	41.488	81.228	90.370	109.28	38.798	TOTAL
MEAN	---	---	---	---	2.83	0.887	0.883	1.34	2.71	2.82	3.84	1.25	MEAN
MAX	---	---	---	---	13.8	2.81	4.87	8.43	18.3	8.81	13.2	2.24	MAX
MIN	---	---	---	---	0.474	0.341	0.188	0.324	0.380	0.880	1.08	0.720	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
23.8E AT 03:18 NST ON SEP 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 10 08 N
LONG 55 29 00 W
DRAINAGE AREA, 89.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 880
FEB	---	AUG	3 880
MAR	---	SEP	7 020
APR	---	OCT	7 810
MAY	7 570	NOV	9 440
JUN	2 330	DEC	3 380

REMARKS - THE E FOR DISCHARGE ABOVE 19.6 AND BELOW .231 IS DUE TO CURVE EXTENSION

CORNER BROOK AT WATSONS BROOK POWERHOUSE - STATION NO. 02YL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.78	3.21	2.72	6.93	7.84	2.03	2.85	1.88	1.81	3.71	8.80	5.37	1
2	2.72	3.02	2.65	6.78	13.8	2.78	2.35	1.31	1.90	3.20	8.43	5.88	2
3	3.08	3.02	2.70	6.07	13.7	4.82	1.84	1.18	1.87	3.05	8.00	6.40	3
4	3.11	3.02	2.74	6.12	13.9	8.07	1.87	1.34	1.35	3.32	8.24	6.82	4
5	3.84	3.01	3.16	6.55	8.88	5.82	1.88	1.88	1.25	3.74	8.80	4.91	5
6	3.80	3.08	3.08	7.32	6.88	8.88	1.74	2.22	1.87	3.48	3.88	2.83	6
7	3.80	2.81	3.18	13.4	14.7	8.88	2.52	2.42	1.88	3.28	2.82	2.88	7
8	4.88	3.78	3.31	11.3	15.1	4.80	2.40	3.88	1.42	3.41	1.84	3.88	8
9	4.48	3.01	3.24	7.80	13.0	3.74	2.33	3.88	1.48	8.02	1.84	4.57	9
10	3.80	3.18	3.18	6.31	11.7	2.78	2.28	2.28	1.80	7.08	2.83	4.82	10
11	3.80	3.04	3.28	5.57	8.07	2.45	2.23	1.77	1.97	4.87	3.05	4.18	11
12	3.80	3.18	3.15	6.10	6.33	3.27	2.03	1.57	1.82	4.29	4.80	5.00	12
13	3.70	2.82	3.08	6.84	6.28	3.06	1.41	1.47	1.85	4.28	4.88	4.84	13
14	3.81	2.82	3.88	7.01	6.48	2.88	1.31	5.15	2.38	4.35	4.89	4.18	14
15	3.84	2.78	3.87	6.88	6.30	2.87	1.25	4.85	2.78	5.08	4.78	3.88	15
16	3.84	2.78	4.88	7.01	5.80	2.83	1.25	2.78	2.82	5.47	7.07	3.17	16
17	3.15	2.88	4.84	6.88	6.84	2.83	1.15	2.28	2.78	6.17	7.42	3.23	17
18	3.15	2.89	5.51	6.88	6.12	2.87	1.15	2.28	2.84	6.08	7.34	3.28	18
19	3.04	2.88	5.80	6.71	6.46	2.13	1.15	1.87	2.30	6.08	8.72	3.48	19
20	2.95	0.244	6.51	6.92	6.35	1.86	1.08	1.47	2.73	6.40	8.40	3.84	20
21	2.85	2.72	6.00	7.21	6.07	2.20	0.884	1.28	3.51	8.77	5.87	3.78	21
22	2.88	3.83	6.13	7.28	5.84	2.20	1.34	1.77	3.44	8.83	4.78	3.23	22
23	3.85	3.87	6.28	7.50	5.84	2.20	1.18	2.23	3.24	6.24	0.348	2.77	23
24	3.02	3.80	6.82	6.81	6.12	2.20	1.18	2.13	2.71	6.85	3.81	2.50	24
25	2.89	3.48	6.35	7.01	6.87	2.13	1.48	2.33	2.42	7.12	3.48	2.32	25
26	3.28	3.08	6.88	6.82	6.53	2.28	1.28	2.10	2.79	8.72	3.23	2.88	26
27	3.61	2.88	6.88	6.83	5.73	1.87	1.22	2.85	3.84	7.03	3.44	2.12	27
28	3.41	2.85	6.58	6.84	5.28	2.58	1.41	2.45	3.41	7.58	4.74	1.88	28
29	3.47		6.88	7.21	4.10	1.81	1.27	1.78	3.41	7.39	4.85	1.78	29
30	3.81		7.84	7.18	3.51	2.15	0.884	1.78	3.88	7.25	5.00	1.87	30
31	3.28		8.88		2.23		1.15	1.80		7.07		1.88	31
TOTAL	108.81	81.834	148.14	215.41	243.74	94.80	48.428	88.88	72.17	170.28	137.418	113.32	TOTAL
MEAN	3.40	2.83	4.71	7.18	7.88	3.15	1.58	2.21	2.41	5.48	4.58	3.88	MEAN
MAX	4.88	3.83	7.84	13.4	15.1	8.82	2.85	5.15	3.88	7.58	7.42	8.52	MAX
MIN	2.89	0.244	2.85	5.31	2.23	1.81	0.884	1.18	1.35	3.05	0.348	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.11
MAXIMUM DAILY, 15.1 ON MAY 8
MINIMUM DAILY, 0.244 ON FEB 20

DATA CONTRIBUTED BY -
DEER LAKE POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 58 26 N
LONG 57 54 11 W
DRAINAGE AREA, 127 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 120	JUL	4 270
FEB	7 080	AUG	8 920
MAR	12 800	SEP	8 240
APR	18 800	OCT	14 700
MAY	21 100	NOV	11 800
JUN	8 170	DEC	9 780

TOTAL DISCHARGE, 128 000 dam³

NEWFOUNDLAND AND LABRADOR

DEER LAKE AT DEER LAKE - STATION NO. 02YL007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.858	5.013	5.056	5.002	5.478	5.838	5.003	4.780	4.884	5.097	5.248	5.302	1
2	4.748	5.018	5.059	5.018	5.519	5.779	4.870	4.792	4.882	5.118	5.210	5.284	2
3	4.788	5.000	5.058	5.021	5.589	5.717	4.806	4.824	4.882	5.154	5.187	5.253	3
4	4.809	4.998	5.063	5.007	5.758	5.618	4.784	4.838	4.838	5.188	5.187	5.228	4
5	4.857	5.008	5.078	4.985	5.838	5.589	4.705	4.871	4.838	5.182	5.298	5.208	5
6	4.901	5.008	5.088	4.988	5.882	5.538	4.713	4.895	4.812	5.234	5.421	5.192	6
7	4.932	4.990	5.034	5.042	5.132	5.485	4.737	4.822	4.880	5.280	5.480	5.183	7
8	4.945	4.988	5.020	5.187	5.151	5.432	4.784	4.840	5.032	5.318	5.525	5.188	8
9	4.984	4.947	5.011	5.380	5.212	5.388	4.798	4.850	5.081	5.328	5.528	5.201	9
10	4.988	4.949	5.001	5.527	5.278	5.380	4.808	5.028	5.072	5.471	5.614	5.182	10
11	5.011	4.958	4.988	5.525	5.255	5.295	4.825	5.088	5.088	5.481	5.611	5.180	11
12	5.020	4.951	4.988	5.480	5.430	5.268	4.834	5.115	5.073	5.587	5.541	5.178	12
13	5.043	4.954	4.987	5.307	5.454	5.211	4.880	5.134	5.078	5.716	5.586	5.182	13
14	5.052	4.948	4.974	5.280	5.425	5.172	4.873	5.183	5.083	5.688	5.619	5.143	14
15	5.057	4.920	4.960	5.275	5.388	5.134	4.882	5.178	5.081	5.694	5.635	5.122	15
16	5.068	4.896	4.973	5.254	5.338	5.110	4.870	5.173	5.047	5.804	5.804	5.132	16
17	5.065	4.888	4.998	5.247	5.252	5.078	4.831	5.183	5.038	5.870	5.894	5.138	17
18	5.073	4.878	5.018	5.232	5.170	5.052	4.801	5.188	5.043	5.883	5.825	5.142	18
19	5.078	4.878	5.058	5.246	5.108	5.053	4.740	5.138	5.002	5.842	5.682	5.137	19
20	5.088	4.878	5.087	5.283	5.067	5.047	4.718	5.138	4.888	5.814	5.748	5.130	20
21	5.087	4.875	5.047	5.710	5.005	5.034	4.748	5.181	4.882	5.488	5.780	5.101	21
22	5.073	4.903	5.091	5.888	5.058	5.018	4.780	5.186	4.818	5.507	5.709	5.087	22
23	5.058	4.915	5.070	5.873	5.012	5.012	4.770	5.181	4.888	5.546	5.672	5.082	23
24	5.058	4.936	5.068	5.863	5.010	4.988	4.788	5.191	4.815	5.583	5.615	5.078	24
25	5.050	4.944	5.086	5.821	5.018	5.010	4.771	5.283	4.780	5.598	5.588	4.973	25
26	5.028	4.877	5.085	5.570	5.841	5.007	4.738	5.348	4.781	5.587	5.528	4.877	26
27	5.022	5.003	5.077	5.531	5.885	5.012	4.772	5.363	4.880	5.490	5.483	4.918	27
28	5.022	5.036	5.083	5.503	5.888	5.013	4.781	5.339	4.923	5.436	5.403	4.884	28
29	5.024		5.041	5.484	5.901	5.002	4.774	5.131	4.973	5.382	5.357	4.881	29
30	5.017		5.031	5.476	5.908	5.008	4.788	5.021	5.041	5.351	5.327	5.022	30
31	5.008		5.008		5.883		4.787	4.931		5.284		5.031	31
MEAN	4.982	4.952	5.040	5.458	5.032	5.244	4.803	5.073	4.958	5.442	5.503	5.123	MEAN
MAX	5.078	5.036	5.091	5.710	5.454	5.838	5.003	5.363	5.075	5.715	5.780	5.302	MAX
MIN	4.748	4.878	4.960	4.985	5.478	5.002	4.705	4.780	4.780	5.097	5.187	4.877	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 5.220
MAXIMUM DAILY, 5.454 ON MAY 13
MINIMUM DAILY, 4.705 ON JUL 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 12 N
LONG 57 28 35 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DEER LAKE NEAR PASADENA - STATION NO. 02YL008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.887	5.058	5.075	5.083	5.523	---	5.028	4.800	4.855	5.052	5.281	---	1
2	4.791	5.051	5.075	5.082	5.583	---	4.996	4.809	4.814	5.068	5.223	---	2
3	4.808	5.041	5.108	5.085	5.648	---	4.930	4.824	4.778	5.126	5.200	---	3
4	4.840	5.040	5.105	5.078	5.784	---	4.803	4.858	4.784	5.133	5.203	---	4
5	4.889	5.042	5.107	5.070	5.984	---	4.746	4.864	4.762	5.138	5.318	---	5
6	4.887	5.052	5.082	5.075	6.087	---	4.740	4.810	4.827	5.201	5.448	---	6
7	4.848	5.046	5.055	5.114	6.174	---	4.788	4.822	4.882	5.257	5.517	---	7
8	4.873	5.024	5.041	5.252	6.218	---	4.808	4.818	4.813	5.263	5.552	---	8
9	4.887	5.002	5.043	5.435	6.258	---	4.841	4.840	4.827	5.308	5.588	---	9
10	5.018	4.997	5.045	5.894	6.312	---	4.845	5.011	4.833	5.452	5.588	---	10
11	5.028	4.884	5.037	5.883	6.401	---	4.870	5.078	4.818	5.805	5.858	---	11
12	5.032	4.893	5.036	5.748	6.494	---	4.878	5.120	4.928	5.718	5.836	---	12
13	5.057	5.008	5.031	5.781	6.527	---	4.884	5.140	4.913	5.730	5.830	---	13
14	5.068	4.998	5.021	5.738	6.480	---	4.907	5.151	4.903	5.708	5.858	---	14
15	5.072	4.984	5.014	5.719	6.442	---	4.914	5.188	4.888	5.678	5.675	---	15
16	5.089	4.841	5.029	5.708	6.388	---	4.882	5.157	4.870	5.626	5.645	---	16
17	5.085	4.826	5.064	5.887	6.306	---	4.858	5.184	4.847	5.588	5.637	---	17
18	5.085	4.806	5.074	5.891	6.218	---	4.821	5.148	4.841	5.588	5.688	---	18
19	5.101	4.812	5.103	5.714	6.136	---	4.782	5.143	4.784	5.588	5.730	---	19
20	5.100	4.818	5.131	5.746	6.078	---	4.738	5.144	4.761	5.561	5.784	---	20
21	5.113	4.813	5.143	5.758	6.037	---	4.788	5.185	4.748	5.508	5.784	---	21
22	5.108	4.841	5.151	5.758	6.002	---	4.787	5.184	4.716	5.518	5.748	---	22
23	5.109	4.850	5.137	5.728	5.968	---	4.813	5.202	4.690	5.583	5.699	---	23
24	5.104	4.882	5.138	5.704	5.900	---	4.798	5.210	4.656	5.603	5.652	---	24
25	5.089	4.869	5.149	5.676	5.853	---	4.784	5.278	4.634	5.610	5.618	---	25
26	5.088	4.898	5.182	5.618	5.871	---	4.771	5.351	4.627	5.588	5.581	---	26
27	5.081	5.025	5.139	5.577	5.816	---	4.788	5.345	4.740	5.514	5.488	---	27
28	5.087	5.053	5.128	5.544	5.838	---	4.813	5.228	4.671	5.455	5.450	---	28
29	5.087		5.101	5.532	5.832	---	4.802	5.121	4.834	5.422	5.384	---	29
30	5.089		5.088	5.520	---	---	4.808	5.017	4.887	5.376	---	---	30
31	5.036		5.078		---		4.808	4.922		5.317		---	31
MEAN	5.024	4.890	5.088	5.517	---	---	4.831	5.074	4.824	5.447	---	---	MEAN
MAX	5.113	5.058	5.182	5.781	---	---	5.028	5.351	4.887	5.730	---	---	MAX
MIN	4.781	4.806	5.014	5.070	---	---	4.738	4.800	4.627	5.052	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 32 N
LONG 57 38 41 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

EAGLE RIVER ABOVE FALLS - STATION NO. 03OC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.0B	31.1B	21.2B	16.8B	71.0B	1 230	230	537	423	587	223	1518	1
2	53.5B	30.8B	20.8B	16.4B	80.0B	1 140	223	588	422	575	220	1468	2
3	52.8B	30.3B	20.4B	16.3B	88.0B	1 070	212	554	430	546	212	1458	3
4	51.5B	30.0B	20.1B	17.5B	95.0B	988	203	526	443	537	208	1438	4
5	50.5B	29.5B	19.8B	18.8B	107 B	1 080	194	507	433	546	194	1398	5
6	49.5B	29.0B	19.8B	20.5B	122 B	1 210	185	714	417	530	187	1368	6
7	48.5B	28.8B	19.4B	23.0B	130 B	1 170	178	676	387	505	209	1348	7
8	47.5B	28.2B	19.0B	25.5B	200 B	1 110	168	645	374	482	207	1298	8
9	46.5B	27.8B	18.8B	27.5B	280 B	1 030	160	700	363	478	185	1278	9
10	45.5B	27.4B	18.8B	31.5B	400 B	908	150	681	333	484	202	1248	10
11	45.0B	27.0B	18.3B	32.4B	560 B	787	141	651	336	426	228	1228	11
12	44.0B	26.7B	18.1B	32.0B	650 B	685	138	629	345	387	242	1208	12
13	43.0B	26.4B	17.9B	31.5B 1	370	606	145	589	401	370	247	1248	13
14	42.5B	26.0B	17.7B	31.0B 1	380	535	161	530	404	349	227	1338	14
15	41.5B	25.8B	17.5B	30.5B 1	380	479	169	475	409	329	220	1368	15
16	41.0B	25.3B	17.3B	33.5B 1	310	432	187	431	400	312	214	1458	16
17	40.0B	24.9B	17.0B	35.5B 1	320	393	183	402	388	295	2108	1488	17
18	39.5B	24.8B	17.3B	42.0B 1	250	362	185	389	389	279	2068	1478	18
19	38.5B	24.3B	17.6B	48.0B 1	200	320	182	389	381	262	1998	1438	19
20	38.0B	23.9B	18.4B	54.0B 1	200	295	179	347	323	239	1848	1388	20
21	37.5B	23.5B	18.8B	55.0B 1	170	274	178	328	302	227	1818	1358	21
22	36.5B	23.3B	18.8B	54.5B 1	150	259	178	312	287	244	1658	1318	22
23	36.0B	23.0B	18.4B	53.5B 1	140	248	175	284	273	280	1828	1268	23
24	35.5B	22.7B	18.2B	53.0B 1	130	235	171	278	317	270	1788	1258	24
25	34.8B	22.4B	18.0B	52.0B 1	080	223	166	270	470	261	1738	1228	25
26	34.3B	22.1B	17.8B	51.5B 1	060	213	163	301	515	259	1898	1188	26
27	33.8B	21.8B	17.6B	51.0B 1	070	206	158	352	514	258	1658	1158	27
28	33.2B	21.5B	17.3B	50.0B 1	130	213	155	357	556	253	1818	1128	28
29	32.8B		17.2B	49.0B 1	240	228	261	418	572	239	1588	1098	29
30	32.3B		17.0B	48.0B 1	250	231	542	423	572	215	1858	1078	30
31	31.7B		16.8B		1 290		588	424		213		1048	31
TOTAL	1 291.8	728.0	571.3	1 134.8	28 183.0	18 128	6 285	15 438	12 188	11 209	5 970	4 041	TOTAL
MEAN	41.7	26.0	18.4	37.8	845	604	203	498	406	362	189	130	MEAN
MAX	55.0	31.1	21.2	55.0	1 380	1 230	588	714	572	587	247	151	MAX
MIN	31.7	21.5	16.8	16.3	71.0	208	138	270	273	213	185	104	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 282
MAXIMUM DAILY, 1 380 ON MAY 14
MINIMUM DAILY, 16.3B ON APR 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 33 03 N
LONG 57 29 42 W
DRAINAGE AREA, 10 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	112 000	JUL	543 000
FEB	62 800	AUG	1 330 000
MAR	49 400	SEP	1 050 000
APR	98 100	OCT	868 000
MAY	2 280 000	NOV	518 000
JUN	1 570 000	DEC	349 000

TOTAL DISCHARGE, 8 910 000 dam³

EXPLOITS RIVER AT GRAND FALLS - STATION NO. 02YD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	135	149	152	81.7	174	188	179	53.0	178	177	178	158	1
2	131	148	151	103	178	172	176	51.0	178	168	171	153	2
3	83.0	140	143	108	185	175	174	51.0	171	188	183	200	3
4	138	144	131	104	203	172	173	39.9	109	172	179	180	4
5	144	140	133	121	195	178	173	43.3	182	180	180	174	5
6	149	140	122	142	170	178	174	49.0	173	186	185	181	6
7	142	141	118	153	184	184	176	51.5	171	167	173	148	7
8	138	142	102	278	195	195	173	84.3	170	168	184	151	8
9	169	130	104	278	171	182	172	82.8	168	158	159	138	9
10	153	128	102	263	186	180	168	53.0	168	182	176	141	10
11	133	121	97.1	203	171	169	171	81.4	169	249	182	186	11
12	184	136	95.7	179	188	184	172	48.7	172	217	176	134	12
13	181	131	81.5	177	188	187	172	125	176	187	172	188	13
14	180	123	87.2	181	189	188	173	151	172	188	158	188	14
15	137	126	87.8	188	178	178	176	177	178	182	184	159	15
16	181	125	104	178	184	171	177	187	171	183	148	148	16
17	184	112	108	177	177	174	188	142	178	204	158	152	17
18	148	81.7	116	182	170	172	172	168	168	208	180	158	18
19	154	86.0	122	188	172	175	169	131	168	188	187	168	19
20	158	103	122	185	173	178	178	128	174	174	200	158	20
21	154	102	126	174	103	175	83.8	113	170	183	177	155	21
22	149	102	117	185	83.7	174	73.9	116	171	180	176	118	22
23	148	121	115	188	88.8	173	87.1	158	183	178	171	115	23
24	148	123	114	170	82.4	170	82.8	178	186	181	148	81.5	24
25	183	129	110	185	48.2	175	80.0	180	188	188	154	84.9	25
26	151	135	101	188	47.6	186	85.8	181	181	173	151	151	26
27	158	142	95.7	159	121	178	84.1	179	177	165	173	188	27
28	152	147	88.0	157	181	174	83.0	183	212	181	183	125	28
28	151		89.4	144	188	168	81.5	177	188	170	181	133	28
30	181		84.9	165	189	188	83.0	178	186	173	185	126	30
31	150		83.7		170		86.4	170		172		115	31
TOTAL	4 547.0	3 584.7	3 483.0	5 118.7	4 883.5	5 279	4 131.5	3 648.0	5 138	5 528	5 081	4 623.4	TOTAL
MEAN	147	127	111	171	161	176	133	118	171	178	169	149	MEAN
MAX	169	149	152	278	203	195	179	183	212	249	200	200	MAX
MIN	83.0	81.7	87.2	81.7	48.2	168	81.5	38.8	109	160	130	81.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 160
MAXIMUM DAILY, 278 ON APR 8
MINIMUM DAILY, 38.8 ON AUG 4

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC, GRAND FALLS DIVISION

REMARKS - DRAINAGE AREA FROM 1979 TO 1988 PUBLISHED AS 8480 km², SHOULD HAVE BEEN 8390 km²

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 55 50 N
LONG 55 40 07 W
DRAINAGE AREA, 8 390 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	393 000	JUL	357 000
FEB	306 000	AUG	315 000
MAR	298 000	SEP	444 000
APR	442 000	OCT	478 000
MAY	405 000	NOV	437 000
JUN	456 000	DEC	389 000

TOTAL DISCHARGE, 4 730 000 dam³

NEWFOUNDLAND AND LABRADOR

EXPLOITS RIVER BELOW NOEL PAULS BROOK - STATION NO. 02YD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	120E	140	152 B	94.0B	132	158	198	87.6	182	156	170	190	1
2	130E	133	143 B	108 B	140	161	197	88.7	180	166	164	172	2
3	120E	140	136 B	107	143	162	188	88.7	168	166	161	170	3
4	130E	138	128 B	93.1	151	158	185	86.8	158	159	173	167	4
5	160E	133	122 B	82.3	142	178	187	85.8	160	164	174	164	5
6	148E	134	118 B	101	118	185	184	85.8	161	156	185	145	6
7	140E	135	112 B	127	119	193	188	85.8	178	157	185	149	7
8	142E	129	107 B	176	109 A	195	191	88.0	171	160	184	160	8
9	151A	125	104 B	206	108 E	181	187	85.8	174	184	169	181	9
10	150	122	99.0B	162	110 E	177	184	83.9	173	199	165	187	10
11	153	126	96.0B	132	111 E	177	186	78.1	176	199	160	188	11
12	172A	122	92.0B	112	116 E	182	187	107	179	173	158	185	12
13	165E	123	91.0B	97.4	124 E	187	189	150	177	125	159	158	13
14	152E	121	90.0B	104	134 E	181	187	158	178	132	137	151	14
15	150E	111	96.0B	114	144 E	178	185	185	174	134	138	137	15
16	174E	104	104 B	116	148 E	175	187	184	173	148	137	137	16
17	168E	100 B	112 B	120	140 E	180	188	137	174	167	141	144	17
18	184E	97.0B	118 B	121	120 E	181	188	131	188	165	160	148	18
19	180E	96.0B	123 B	118	100 E	187	181	128	183	150	173	148	19
20	159E	100 B	124 B	113	86.0E	185	181	116	182	147	187	160	20
21	157F	106 B	122 B	100	70.0E	187	87.0	122	183	151	152	160	21
22	154E	116 B	118 B	91.6	80.0E	177	77.9	134	182	158	136	152	22
23	153E	126 B	114 B	88.5	84.7A	185	78.6	183	187	160	145	138	23
24	160E	134 B	111 B	88.2	83.3A	184	78.4	188	187	163	140	118	24
25	164E	143 B	107 B	85.5	83.0	181	78.6	192	181	160	139	127	25
26	161E	151 B	104 B	86.5	89.6	182	78.3	192	181	162	158	181	26
27	160E	160 B	102 B	89.2	126	184	73.0	188	187	183	183	180	27
28	159A	165 B	99.0B	96.8	150	188	72.3	188	195	184	180	187	28
29	148		97.0B	101	152	181	70.6	184	181	188	188	184	29
30	144		94.0B	112	146	181	70.7	183	174	187		184	30
31	137		92.0B		150		88.7	183		173		170	31
TOTAL	4 738	3 530.0	3 426.0	3 385.1	3 891.6	5 435	4 802.9	3 894.1	5 132	4 936	4 703	4 802	TOTAL
MEAN	153	126	111	113	126	181	155	126	171	159	157	155	MEAN
MAX	180	165	152	206	160	195	198	192	195	199	174	184	MAX
MIN	120	96.0	90.0	85.5	53.0	158	88.7	85.8	138	125	138	116	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 143
MAXIMUM DAILY, 206 ON APR 9
MINIMUM DAILY, 53.0 ON MAY 25
MAXIMUM INSTANTANEOUS,
266 AT 10:30 NST ON APR 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 27 N
LONG 55 15 33 W
DRAINAGE AREA, 6 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	409 000	JUL	388 000
FEB	305 000	AUG	336 000
MAR	296 000	SEP	443 000
APR	293 000	OCT	426 000
MAY	310 000	NOV	406 000
JUN	470 000	DEC	415 000

TOTAL DISCHARGE, 4 510 000 dam³

REMARKS - PUBLISHED IN 1985-86 AS 6370 km², REVISED TO 6300 km² IN 1987

EXPLOITS RIVER BELOW STONY BROOK - STATION NO. 02YD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	162	178	173A	123E	230 E	212	227	97.3	231	239	248	195	1
2	162	176	180	128E	230 E	209	231	95.0	223	220	236	228	2
3	151	163	170	140E	245 E	215	234	93.3	218	216	214	236	3
4	162	167	155	156E	260 E	213	228	92.3	184	222	229	234	4
5	180	185	156	190E	238 E	218	227	90.2	207	234	247	230	5
6	193	161	144	260E	220 E	231	228	93.7	218	219	230	215	6
7	186	164	139	330	214 E	240	233	94.7	218	216	225	197	7
8	176	166	131	380E	212 E	248	219	105	213	225	223	202	8
9	216	156	125	365E	215 E	234	221	113	207	233	223	175	9
10	205	153	125	340E	230 E	231	216	99.8	207	311	230	172	10
11	177	147	122	310E	227 A	216	219	103	205	342	232	184	11
12	183	157	120	285E	221	226	219	110	217	316	230	194	12
13	189	153	116	280A	213	234	222	158	218	292	238	212	13
14	207	145	122A	262	212	236	220	188	212	321	218	229	14
15	177	146	130E	262	232	228	222	237	218	310	198	213	15
16	213	144	137E	285	247	218	230	208	217	213	186	198	16
17	205	135	148E	265	238	220	223	188	210	283	206	185	17
18	193	126	155E	270	225	225	221	180	211	280	238	196	18
19	193	121	163E	273	232	223	224	168	202	262	248	208	19
20	194	124	167E	267	218	230	224	157	212	239	261	208	20
21	190	125	164E	245A	159	232	153	147	198	227	240	203	21
22	188	130	158E	235E	104	228	112	161	196	229	239	187	22
23	180	146A	150E	224E	86.4	213	108	183	197	233	234	183	23
24	180	158E	145E	217E	90.3	228	108	232	202	243	220	136	24
25	196	171E	140E	211E	91.9	218	104	238	199	224	174	135	25
26	182	184E	135E	205E	104	216	103	240	188	226	201	153	26
27	182	198E	132E	199E	133	231	103	238	230	221	222	201	27
28	181	200E	128E	192E	185	228	103	234	284	231	228	174	28
29	181		125E	180E	247	225	101	238	289	228	248	178	29
30	182		123E	208E	214	219	99.6	222	287	228	232	187	30
31	180		120E		208		97.8	223		230		185	31
TOTAL	5 748	4 356	4 396	7 227	6 183.6	6 731	5 884.7	6 019.4	6 487	7 393	6 808	6 888	TOTAL
MEAN	187	156	142	241	199	224	183	182	216	236	227	193	MEAN
MAX	216	200	180	380	260	248	236	240	284	342	261	239	MAX
MIN	151	121	116	123	90.3	209	97.8	90.2	188	210	174	126	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 187
MAXIMUM DAILY, 380E ON APR 8
MINIMUM DAILY, 90.2 ON AUG 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 27 N
LONG 55 38 29 W
DRAINAGE AREA, 8 860 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	500 000	JUL	489 000
FEB	376 000	AUG	434 000
MAR	380 000	SEP	559 000
APR	624 000	OCT	539 000
MAY	533 000	NOV	582 000
JUN	582 000	DEC	516 000

TOTAL DISCHARGE, 6 230 000 dam³

GANDER RIVER AT BIG CHUTE - STATION NO. 02YO001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.0B	48.8	82.1	70.8	248	86.0	31.7	21.2	86.8	126	70.2	86.8	1
2	41.8B	48.8	86.2	98.7	238	84.8	31.0	20.8	84.8	121	67.8	80.4	2
3	40.0B	46.3	86.2	72.1	227	89.7	29.9	20.1	80.1	116	62.8	86.7	3
4	39.0B	43.3	83.8	78.2	240	81.8	29.1	19.3	86.8	114	62.3	86.2	4
5	38.0B	41.8	87.4	86.0	246	83.8	26.3	18.9	84.0	109	86.7	86.8	5
6	37.1B	40.4	80.3	102	248	82.8	27.4	19.3	82.1	110	67.1	81.7	6
7	36.6B	38.7	78.4	133	238	82.8	26.8	18.8	86.8	109	86.8	80.8	7
8	36.0B	37.3	72.8	188	222	81.0	26.0	21.4	86.1	111	86.0	79.1	8
9	37.8B	36.8	88.8	288	208	88.3	24.4	27.7	84.8	111	83.8	74.8	9
10	41.0B	36.8	86.8	360	194	84.8	24.1	38.8	81.4	121	83.8	71.8	10
11	44.8B	36.8	83.8	377	178	83.1	23.8	48.8	38.8	132	82.7	88.1	11
12	83.2	33.1	80.8	384	184	80.8	24.0	80.3	38.3	137	84.0	85.3	12
13	81.1	31.7	87.2	378	151	48.2	23.0	81.3	47.8	138	83.4	82.8	13
14	86.7	31.4	85.5	388	144	45.8	22.0	83.2	78.1	131	83.8	81.8	14
15	73.7	30.8	83.7	348	132	44.8	23.0	86.4	102	128	84.4	80.1	15
16	78.1	29.3	83.1	338	124	43.1	24.3	82.3	114	120	85.8	88.8	16
17	77.1	28.8B	86.1	327	117	41.0	26.8	84.1	122	118	88.4	87.4	17
18	76.8	27.8B	86.8	318	109	40.1	27.4	83.7	120	120	83.5	86.8	18
19	77.8	26.8	81.8	312	105	38.7	28.4	82.8	118	122	71.7	85.7	19
20	76.2	26.0	80.8	306	88.8	36.3	28.8	80.8	113	121	76.7	86.8	20
21	75.8	25.2	86.8	305	88.7	34.8	27.1	86.2	106	117	82.4	86.1	21
22	72.4	24.3	86.3	291	82.8	34.4	26.8	86.1	101	111	84.1	86.2	22
23	70.0	30.3	84.7	268	77.7	36.8	26.8	86.0	97.1	106	103	82.7	23
24	67.4	36.8	82.8	286	71.8	37.8	26.4	87.8	80.4	102	118	81.4	24
25	84.2	46.8	80.8	300	86.0	37.8	26.0	76.8	82.1	98.2	119	48.8	25
26	81.2	87.5	85.8	286	85.3	36.4	24.8	83.1	78.3	92.8	117	48.5	26
27	86.8	87.3	82.2	267	82.8	36.8	24.3	82.8	80.4	88.8	112	47.0	27
28	86.8	76.3	81.0	278	80.4	36.3	24.7	80.8	87.3	84.4	108	46.8	28
29	86.0		77.7	286	80.0	36.2	24.4	78.7	118	80.8	106	46.2	29
30	82.0		74.0	266	88.8	33.1	23.0	76.8	136	78.8	100	46.0	30
31	80.3		72.3		88.8		21.8	73.3		73.1		44.8	31
TOTAL	1 787.8	1 081.4	2 371.8	7 756.8	4 383.7	1 386.4	801.1	1 889.8	2 408.8	3 442.8	2 282.0	1 878.7	TOTAL
MEAN	88.7	38.8	78.8	259	142	46.8	25.8	81.3	80.3	111	78.1	83.8	MEAN
MAX	78.8	76.3	96.3	384	248	83.8	31.7	83.8	128	137	118	88.8	MAX
MIN	36.0	26.2	88.1	88.7	88.8	33.1	21.8	18.8	38.3	73.1	82.7	44.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.8
MAXIMUM DAILY, 384 ON APR 12
MINIMUM DAILY, 18.9 ON AUG 5
MAXIMUM INSTANTANEOUS,
384 AT 03:36 NST ON APR 12

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 85 N
LONG 54 51 13 W
DRAINAGE AREA, 4 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	192 000	JUL	69 200
FEB	83 400	AUG	137 000
MAR	205 000	SEP	208 000
APR	670 000	OCT	297 000
MAY	380 000	NOV	195 000
JUN	121 000	DEC	171 000

TOTAL DISCHARGE, 2 700 000 dam³

GARNISH RIVER NEAR GARNISH - STATION NO. 02ZG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.65B	2.48 B	12.0	8.65E	11.8	8.70	2.88	2.08	2.71	10.2	3.36	17.1	1
2	5.28B	2.63 B	9.48	8.00E	11.2	11.1	2.86	2.10	3.28	8.46	3.28	17.8	2
3	5.00B	2.44 B	7.15	9.35E	10.7	12.2	2.74	1.88	4.03	8.12	3.48	21.4	3
4	4.78B	2.22 B	8.18B	11.8 E	10.5	13.7	2.44	1.88	4.82	7.86	3.81	18.8	4
5	5.56B	2.08 B	8.30B	12.5 E	10.1	13.7	2.18	1.81	5.08	9.01	4.38	16.5	5
6	6.01B	1.90 B	4.87B	13.4 E	10.8	12.3	2.18	1.23	5.05	10.3	5.23	20.5	6
7	5.58B	1.78 B	4.00B	14.8 E	10.3	11.0	2.03	1.80	4.84	10.8	5.88	18.8	7
8	5.23B	1.68 B	3.61B	18.0 E	9.80	10.1	1.98	1.58	4.50	11.7	6.44	24.0 B	8
9	7.82B	1.58 B	3.18B	25.0 E	8.75	8.84	2.21	1.73	4.25	13.5	6.57	31.2 B	9
10	13.3 B	1.45 B	2.91B	29.2 E	8.10	7.88	2.18	1.98	3.88	18.9	7.08	41.8 B	10
11	21.8 B	1.40 B	2.60B	28.1 A	7.78	6.94	2.78	2.20	3.51	21.8	8.18	38.0 B	11
12	18.8 B	1.31 B	2.34B	21.1	7.28	8.26	3.84	2.89	3.18	18.8	9.27	18.9 B	12
13	20.9 B	1.26 B	2.18B	18.2	8.87	8.78	4.33	2.78	2.98	16.3	9.77	16.3 B	13
14	24.3 B	1.18 B	2.02B	16.2	8.66	8.48	3.38	2.88	2.89	13.9	9.48	13.4 B	14
15	20.8 B	1.43 B	1.78B	14.3	8.32	8.10	8.27	2.80	3.83	11.7	9.18	11.8 B	15
16	22.8 B	1.58 B	2.40B	12.8	8.88	4.88	8.88	2.85	4.38	10.4	8.80	9.80B	16
17	26.2 B	1.30 B	3.78B	11.8	8.85	4.84	8.85	3.12	8.34	9.08	8.88	8.58B	17
18	21.0 B	1.02 B	8.50B	11.3	8.33	4.32	7.41	3.03	7.48	8.18	12.8	7.92B	18
19	16.3 B	0.94OB	8.82B	10.8	4.88	3.83	7.80	3.07	7.81	8.88	14.8	8.78B	19
20	13.8 B	0.88IB	8.28B	11.3	4.84	3.83	8.81	2.89	8.00	8.28	16.3	8.18B	20
21	11.8 B	8.00 B	7.60B	11.7	4.48	3.72	8.12	2.78	8.85	8.82	15.8	8.48B	21
22	8.68B	11.8 B	7.10B	11.8	4.14	3.82	8.88	2.82	8.05	8.22	18.0	4.88B	22
23	8.28B	20.0 B	8.18B	18.8	3.80	3.27	4.88	2.77	8.87	8.01	19.8	4.58B	23
24	7.02B	48.3 B	8.88B	18.4	3.47	2.98	4.84	2.83	8.18	4.83	20.8	4.20B	24
25	8.28B	42.2	8.80B	21.2	3.42	2.78	4.08	2.25	8.11	4.84	20.8	3.81B	25
26	5.36B	28.8	7.82B	18.1	4.73	3.82	3.85	2.18	8.08	4.70	18.5	3.52B	26
27	4.87B	20.8	7.21B	16.7	5.87	2.72	3.28	2.17	11.0	4.88	17.0	4.88B	27
28	4.30B	15.3	6.88B	15.3	8.41	2.88	2.82	2.20	8 84	4.43	14.8	5.22B	28
29	3.82B		8.30B	13.8	8.70	2.77	2.73	2.28	10.8	3.88	15.4	8.00B	29
30	3.40B		8.00B	12.4	8.81	2.88	2.87	2.18	10.7	3.88	15.2	4.58B	30
31	3.21B		5.82B		8.14		2.28	2.81		3.81		4.18B	31
TOTAL	337.74	226.151	178.08	481.80	230.22	190.33	124.83	72.00	183.89	283.80	334 28	407.38	TOTAL
MEAN	10.8	8.08	5.76	16.4	7.43	6.34	4.02	2.32	6.13	9.15	11.1	13.1	MEAN
MAX	26.2	48.3	12.0	29.2	11.8	13.7	7.80	3.12	11.0	21.8	20.8	41.8	MAX
MIN	3.21	0.881	1.78	8.65	3.42	2.58	1.99	1.23	3.83	3.81	3.29	3.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.30
MAXIMUM DAILY, 48.3B ON FEB 24
MINIMUM DAILY, 0.881B ON FEB 20
MAXIMUM INSTANTANEOUS,
82.3 AT 18:30 NST ON FEB 24

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 12 50 N
LONG 55 18 45 W
DRAINAGE AREA, 205 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 200	JUL	10 800
FEB	16 500	AUG	6 220
MAR	15 800	SEP	15 900
APR	39 900	OCT	24 500
MAY	19 900	NOV	28 900
JUN	16 400	DEC	35 200

TOTAL DISCHARGE, 262 000 dam³

GLIDE BROOK BELOW GLIDE LAKE - STATION NO. 02YK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.66 B	0.4308	2.34	0.881	5.02	1.38	0.8808	0.0728	1.75	3.02	1.14	1.48 B	1
2	2.55 B	0.5008	1.80 B	1.12	5.43	1.25	0.5008	0.0888	1.84	3.61	1.18	1.38 B	2
3	2.25 B	0.5608	1.58 B	1.82	6.85	1.18	0.4258	0.0848	1.52	3.13	1.08	1.30 B	3
4	2.00 B	0.5308	1.38 B	1.94	11.8	1.08	0.3608	0.083	1.48	2.81	2.30	1.24 B	4
5	1.80 B	0.5058	1.20 B	2.30	11.4	1.01	0.4308	0.078	1.34	2.74	3.61	1.18 B	5
6	1.80 B	0.4858	1.08 B	3.05	8.43	0.887	0.4008	0.248	1.20	2.43	3.87	1.14 B	6
7	1.65 B	0.4608	0.9708	4.58	7.78	0.848	0.358	0.883	0.982	2.13	3.30	1.12 B	7
8	1.34 B	0.4358	0.8708	6.57	7.04	0.775	0.311	1.21	0.881	1.86	2.63	1.20 B	8
9	1.33 B	0.4208	0.7408	12.0	6.88	0.804	0.284	1.89	0.773	1.78	2.22	1.60 B	9
10	1.80 B	0.4058	0.7308	11.8	6.42	0.817	0.267	1.80	0.830	6.85	2.23	2.76 B	10
11	2.15 B	0.3878	0.8708	9.51	5.87	0.648	0.287	1.38	0.888	8.88	2.82	2.48 B	11
12	2.38 B	0.3748	0.8208	7.41	4.86	0.370	0.284	1.10	0.862	7.77	2.75	2.10 B	12
13	2.00 B	0.3608	0.8408	8.00	4.19	0.438	0.262	0.871	0.873	8.72	3.32	1.87	13
14	1.75 B	0.3458	0.8508	8.21	3.98	0.418	0.232	0.848	0.878	6.31	3.27	1.88	14
15	1.58 B	0.3358	0.8158	6.08	3.98	0.420	0.230	2.26	0.821	3.37	2.78	1.48	15
16	1.48 B	0.3258	0.4908	5.38	2.80	0.418	0.228	2.87	0.838	2.95	2.83	1.40	16
17	1.27 B	0.3158	1.02	5.82	2.18	0.384	0.204	2.38	0.810	4.22	4.16	1.36	17
18	1.17 B	0.3088	3.30	6.20	2.34	0.303	0.182	1.87	0.883	5.88	8.02	1.28	18
19	1.04 B	0.2958	2.47	7.11	3.08	0.308	0.171	1.58	0.880	4.49	5.85	1.28	19
20	0.8508	0.2878	2.43	7.84	1.81	0.268	0.158	1.28	0.842	3.82	4.82	1.28 B	20
21	0.8708	1.00 B	3.28	7.52	1.33	0.287	0.133	0.884	0.681	3.88	3.81	1.28 B	21
22	0.8008	3.60 B	1.88	8.18	1.20	0.267	0.108	0.880	0.448	2.83	3.44	1.18 B	22
23	0.7408	7.52	1.45 B	8.74	1.08	0.213	0.098	1.61	0.823	3.30	3.84	1.09 B	23
24	0.8808	8.25	1.20 B	8.70	0.961	0.214A	0.100	2.40	0.488	3.12	3.22	0.9708	24
25	0.8408	6.73	1.14	9.37	0.873	0.203E	0.087A	4.83	0.451	2.88	2.73	0.8008	25
26	0.8008	3.80	1.00	4.92	2.18	0.195E	0.098E	5.48	0.417	2.28	2.308	0.7708	26
27	0.8888	2.81	0.820	4.85	2.83	0.185E	0.093E	4.78	2.02	1.84	2.088	0.8708	27
28	0.9388	2.84	0.831	4.36	3.43	0.238E	0.088E	4.08	4.80	1.72	1.898	0.8408	28
29	0.8008		0.887	4.30	2.28	0.870E	0.084E	3.38	4.88	1.81	1.738	0.7408	28
30	0.4788		1.03 B	4.38	1.80	0.740E	0.080E	2.88	3.81	1.35	1.638	0.7008	30
31	0.4888		0.9208		1.81		0.078E	2.08		1.28		0.8408	31
TOTAL	41.420	48.108	38.873	185.881	132.104	18.382	7.178	84.888	38.081	107.88	87.43	40.810	TOTAL
MEAN	1.34	1.61	1.25	6.83	4.26	0.646	0.231	1.77	1.20	3.47	2.81	1.31	MEAN
MAX	2.66	8.25	2.47	12.0	11.8	1.38	0.890	8.48	4.80	8.88	6.02	2.76	MAX
MIN	0.488	0.287	0.880	0.881	0.881	0.185	0.078	0.082	0.417	1.28	1.08	0.840	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.12
MAXIMUM DAILY, 12.0 ON APR 9
MINIMUM DAILY, 0.082 ON AUG 4
MAXIMUM INSTANTANEOUS,
12.7 AT 18.12 NST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 08 50 N
LONG 57 22 09 W
DRAINAGE AREA, 112 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 580	JUL	620
FEB	3 900	AUG	4 740
MAR	3 360	SEP	3 120
APR	14 300	OCT	8 300
MAY	11 400	NOV	7 550
JUN	1 620	DEC	3 500

TOTAL DISCHARGE, 66 800 dam³

GRAND LAKE AT MAIN DAM - STATION NO. 02YK008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	88.772	88.335	88.898	88.838	88.800	88.484	88.118	88.888	88.880	8.788A	8.780A	88.720	1
2	88.778	88.311	88.882	88.844	88.817	88.481	88.088	88.888	88.882	8.788A	8.788A	88.704	2
3	88.748	88.277	88.862	88.838	88.878	88.801	88.082	88.838	88.888	8.788A	8.724A	88.873	3
4	88.747	88.271	88.840	88.828	88.888	88.803	88.100	88.808	88.803	8.782A	8.728A	88.881	4
5	88.744	88.264	88.823	88.831	88.114	88.493	88.100	88.801	88.800	8.787A	8.738A	88.881	5
6	88.738	88.231	88.818	88.830	88.188	88.474	88.088	88.827	88.880	8.747A	8.728A	88.882	6
7	88.718	88.222	88.887	88.881	88.182	88.488	88.070	88.848	88.878	8.728A	8.728A	88.864	7
8	88.888	88.204	88.888	88.802	88.281	88.448	88.088	88.878	88.881	8.728A	8.728A	88.833	8
9	88.887	88.193	88.880	88.880	88.313	88.428	88.043	88.887	88.847	8.724A	8.707A	88.802	9
10	88.888	88.178	88.830	88.788	88.270	88.408	88.028	88.781	88.828	8.788A	8.728A	88.881	10
11	88.884	88.182	88.813	88.731	88.413	88.380	88.010	88.881	88.818	8.888A	8.888A	88.874	11
12	88.848	88.138	88.783	88.781	88.440	88.371	88.887	88.878	88.804	8.818A	8.688A	88.881	12
13	88.838	88.108	88.788	88.788	88.477	88.388	88.878	88.882	88.788	8.843A	8.884A	88.844	13
14	88.820	88.100	88.732	88.771	88.504	88.381	88.888	88.878	88.783	8.858A	8.843A	88.833	14
15	88.806	88.088	88.718	88.774	88.501	88.342	88.841	88.728	88.788	8.848A	8.872A	88.813	15
16	88.893	88.078	88.708	88.783	88.473	88.328	88.838	88.728	88.784	8.843A	8.885A	88.808	16
17	88.874	88.083	88.888	88.788	88.471	88.313	88.822	88.728	88.788	8.888A	8.728A	88.488	17
18	88.863	88.038	88.888	88.803	88.488	88.288	88.808	88.718	88.731	8.878A	8.783A	88.478	18
19	88.828	88.024	88.882	88.812	88.452	88.284	88.888	88.708	88.721	8.888A	8.784A	88.488	19
20	88.808	88.007	88.871	88.840	88.480	88.272	88.880	88.888	88.713	8.872A	8.781A	88.484	20
21	88.488	88.882	88.887	88.887	88.470	88.258	88.847	88.888	88.788	8.888A	8.772A	88.448	21
22	88.488	88.018	88.878	88.842	88.474	88.241	88.833	88.888	88.884	8.868A	8.788A	88.434	22
23	88.473	88.023	88.882	88.878	88.478	88.218	88.818	88.880	88.884	8.884A	8.788A	88.412	23
24	88.488	88.018	88.882	88.873	88.484	88.187	88.808	88.788	88.883	8.887A	8.781A	88.388	24
25	88.438	88.004	88.838	88.872	88.488	88.182	88.787	88.783	88.878	8.848A	8.788A	88.387	25
26	88.423	88.018	88.887	88.882	88.483	88.174	88.788	88.787	88.884	8.828A	8.784A	88.384	26
27	88.418	88.018	88.888	88.888	88.488	88.180	88.788	88.788	88.883	8.824A	8.788A	88.388	27
28	88.388	88.008	88.888	88.888	88.481	88.148	88.788	88.788	88.713	2.822A	8.788A	88.388	28
29	88.382		88.884	88.884	88.488	88.147	88.738	88.811	8.738A	8.808A	8.784A	88.338	29
30	88.388		88.872	88.887	88.471	88.138	88.718	88.824	8.778A	8.778A	8.748A	88.318	30
31	88.348		88.888		88.478		88.781	88.881		8.782A		88.382	31
MEAN	88.877	88.128	88.748	88.744	88.388	88.328	88.828	88.788	88.847	8.718	8.748	88.812	MEAN
MAX	88.778	88.338	88.888	88.888	88.504	88.483	88.118	88.881	88.883	8.888	8.791	88.728	MAX
MIN	88.348	88.882	88.888	88.821	88.888	88.138	88.781	88.881	8.738	2.822	8.872	88.382	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 72.128
MAXIMUM DAILY, 88.778 ON JAN 2
MINIMUM DAILY, 2.822A ON OCT 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 11 47 N
LONG 57 15 35 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRAND LAKE EAST OF GRAND BROOK - STATION NO. 02YK010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.288	3.837	3.483	3.048	3.383	4.033	3.888	3.186	3.312	3.208	3.248	3.218	1
2	4.272	3.808	3.487	3.014	3.418	4.020	3.868	3.133	3.330	3.208	3.208	3.186	2
3	4.278	3.800	3.434	3.011	3.481	3.988	3.878	3.108	3.348	3.212	3.216	3.204	3
4	4.287	3.781	3.433	3.021	3.550	3.884	3.872	3.078	3.350	3.216	3.208	3.218	4
5	4.281	3.782	3.418	3.010	3.630	3.938	3.887	3.074	3.352	3.218	3.181	3.179	5
6	4.337	3.733	3.378	3.028	3.681	3.935	3.871	3.111	3.350	3.207	3.207	3.181	6
7	4.303	3.718	3.388	3.068	3.705	3.928	3.884	3.133	3.339	3.208	3.201	3.181	7
8	4.307	3.705	3.368	3.121	3.788	3.908	3.880	3.182	3.340	3.183	3.186	3.084	8
9	4.178	3.687	3.328	3.134	3.821	3.903	3.844	3.182	3.334	3.181	3.189	3.087	9
10	4.188	3.690	3.313	3.188	3.882	3.890	3.828	3.169	3.326	3.228	3.202	3.071	10
11	4.187	3.683	3.282	3.219	3.932	3.895	3.824	3.148	3.318	3.282	3.191	3.067	11
12	4.162	3.641	3.276	3.238	3.862	3.878	3.808	3.127	3.328	3.321	3.180	3.011	12
13	4.133	3.617	3.251	3.281	4.081	3.848	3.473	3.128	3.308	3.323	3.182	3.021	13
14	4.107	3.884	3.234	3.288	4.004	3.838	3.487	3.157	3.288	3.323	3.188	3.019	14
15	4.102	3.873	3.216	3.277	4.028	3.808	3.444	3.203	3.252	3.318	3.178	3.017	15
16	4.088	3.883	3.185	3.288	4.080	3.788	3.418	3.210	3.235	3.317	3.180	3.012	16
17	4.080	3.830	3.178	3.313	4.081	3.778	3.402	3.210	3.217	3.323	3.227	3.001	17
18	4.058	3.819	3.184	3.321	4.058	3.777	3.388	3.178	3.210	3.347	3.238	2.880	18
19	4.043	3.808	3.184	3.339	4.038	3.742	3.374	3.189	3.183	3.352	3.288	2.887	19
20	4.032	3.484	3.184	3.384	4.042	3.788	3.347	3.148	3.178	3.348	3.288	2.958	20
21	4.044	3.484	3.177	3.327	4.080	3.741	3.317	3.138	3.177	3.347	3.283	2.825	21
22	3.981	3.500	3.162	3.384	4.044	3.727	3.308	3.148	3.174	3.347	3.282	2.803	22
23	3.978	3.520	3.144	3.388	4.039	3.721	3.288	3.188	3.183	3.343	3.286	2.886	23
24	3.971	3.531	3.141	3.377	4.008	3.704	3.281	3.213	3.143	3.338	3.275	2.885	24
25	3.944	3.582	3.138	3.381	4.027	3.678	3.288	3.238	3.134	3.317	3.274	2.877	25
26	3.933	3.529	3.126	3.388	4.025	3.881	3.257	3.230	3.138	3.317	3.277	2.883	26
27	3.910	3.507	3.103	3.388	4.049	3.880	3.247	3.240	3.181	3.307	3.272	2.865	27
28	3.903	3.484	3.079	3.389	4.054	3.844	3.233	3.282	3.188	3.287	3.288	2.832	28
29	3.881		3.079	3.372	4.041	3.825	3.217	3.278	3.201	3.280	3.241	2.815	29
30	3.888		3.063	3.374	4.026	3.807	3.182	3.304	3.207	3.269	3.219	2.786	30
31	3.861		3.063		4.038		3.172	3.310		3.241		2.784	31
MEAN	4.081	3.617	3.238	3.236	3.889	3.813	3.413	3.177	3.252	3.262	3.225	2.989	MEAN
MAX	4.278	3.827	3.483	3.381	4.080	4.033	3.888	3.310	3.352	3.352	3.283	3.219	MAX
MIN	3.881	3.484	3.063	3.010	3.383	3.807	3.172	3.074	3.134	3.181	3.182	2.784	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 3.428
MAXIMUM DAILY, 4.278 ON JAN 3
MINIMUM DAILY, 2.784 ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 40 12 N
LONG 58 04 48 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRANDY BROOK BELOW TOP POND BROOK - STATION NO. 02ZC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.858	1.80 B	6.308	19.0 B	42.5	7.73	1.96	2.16	16.8	13.3	8.56	9.108	1
2	1.738	1.73 B	7.308	8.508	45.1	8.24	1.51	1.47	85.4	8.08	26.0	8.308	2
3	1.808	1.80 B	8.508	8.408	100	8.00	1.23	1.20	41.4	8.81	13.5	7.808	3
4	1.908	1.64 B	8.808	8.408	86.3	6.81	1.03	0.891	12.2	80.2	86.6	7.008	4
5	1.488	1.33 B	8.308	9.008	85.0	12.5	0.868	8.18	7.73	16.8	17.2	6.408	5
6	1.338	1.21 B	6.808	11.0 B	57.1	7.97	0.868	48.8	5.98	11.7	8.87	5.808	6
7	1.258	1.13 B	6.408	14.0 B	78.4	5.28	0.876	14.8	4.75	18.8	32.8	5.258	7
8	1.128	1.04 B	6.008	20.0 B	84.3	4.43	0.811	75.8	4.22	27.0	18.9	4.608	8
9	7.308	0.9868	3.858	40.0 B	80.7	3.72	1.38	27.9	3.52	38.0	8.75	4.408	9
10	5.008	0.8208	3.408	38.0 B	67.3	3.02	1.86	10.9	3.10	76.8	77.4	4.108	10
11	6.408	0.8608	3.108	31.0 B	57.6	2.73	1.45	6.76	2.95	17.8	34.3	3.858	11
12	5.508	0.8108	2.808	18.0 B	46.3	15.8	2.83	4.86	3.03	14.3	85.3	3.388	12
13	5.208	0.7908	2.708	11.0 B	58.5	11.8	4.36	4.00	3.84	12.2	36.2	3.058	13
14	5.208	0.7808	3.488	9.008	70.0	8.28	2.94	22.2	3.97	8.84	12.8	2.808	14
15	13.0 E	1.08 B	3.008	7.808	31.8	4.21	4.87	17.9	4.88	7.84	8.87	2.808	15
16	8.208	1.82 B	3.808	7.408	31.2	3.13	4.80	8.05	11.2	8.18	47.4	3.008	16
17	8.408	1.88 B	3.958	8.408	31.7	2.82	2.87	7.34	5.47	18.8	138	3.408	17
18	8.008	1.43 B	3.808	11.5 B	34.8	2.38	1.94	5.54	5.28	10.8	47.0	3.808	18
19	6.008	1.25 B	3.288	16.0 B	33.5	2.38	1.48	3.78	3.78	7.04	20.4	3.808	19
20	3.708	1.10 B	3.038	13.8 B	18.8	2.30	1.41	3.03	3.13	5.33	16.1	3.308	20
21	2.908	1.70 B	1.808	11.5 B	18.7	2.88	1.26	2.84	3.80	5.40	14.9	3.058	21
22	2.508	3.00 B	1.438	9.908	14.8	2.87	1.00	17.0	3.23	81.5	42.3	2.808	22
23	2.208	21.5 B	1.608	8.708	18.4	2.33	0.988	13.8	3.28	17.7	18.3	2.808	23
24	1.958	18.5 B	1.338	7.408	14.9	2.00	0.718A	7.08	17.8	9.88	8.45	2.408	24
25	1.758	16.0 B	1.238	7.208	16.9	1.78	0.848	12.0	16.8	7.16	8.408	2.238	25
26	1.608	13.8 B	1.128	12.0	42.8	1.86	0.820	12.0	8.92	5.88	7.508	2.058	26
27	2.308	12.0 B	1.038	17.8	18.1	2.88	0.673	8.06	116	4.86	7.208	1.808	27
28	3.108	10.8 B	8.808	18.8	25.3	2.78	0.488	5.73	20.3	4.55	8.808	1.758	28
29	2.708		2.038	24.7	21.4	3.14	11.8	4.15	13.4	4.23	10.8 B	1.638	29
30	2.408		1.808	32.2	13.8	2.77	7.81	3.23	23.7	3.80	10.2 B	1.508	30
31	2.158		1.738		9.88		3.37	83.8		3.59		1.408	31
TOTAL	114.73	121.585	105.85	433.50	1 389.38	147.55	89.862	445.951	459.85	566.47	813.30	118.82	TOTAL
MEAN	3.70	4.34	3.41	14.5	44.8	4.92	2.26	14.4	15.3	18.3	27.1	3.83	MEAN
MAX	12.0	21.5	8.80	40.0	100	15.8	11.8	83.8	116	80.2	138	9.10	MAX
MIN	1.13	0.780	1.03	8.40	9.88	1.78	0.488	0.891	2.95	3.59	7.20	1.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 12.8
MAXIMUM DAILY, 138 ON NOV 17
MINIMUM DAILY, 0.488 ON JUL 28
MAXIMUM INSTANTANEOUS,
316 AT 05:15 NST ON SEP 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 51 27 N
LONG 57 44 00 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 810	JUL	8 020
FEB	10 500	AUG	38 500
MAR	9 150	SEP	38 700
APR	37 500	OCT	48 100
MAY	111 000	NOV	70 300
JUN	12 700	DEC	10 200

TOTAL DISCHARGE, 405 000 dam³

NEWFOUNDLAND AND LABRADOR

GREAT RATTLING BROOK ABOVE TOTE RIVER CONFLUENCE - STATION NO. 02YD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.40B	8.40B	27.0 B	18.8B	37.1	9.76	1.88	1.11	7.10	18.7	8.80	8.00B	1
2	5.20B	8.60B	20.0 B	24.6B	41.4	8.52	1.58	1.05	7.85	14.8	8.47	8.00B	2
3	5.10B	8.80B	18.5 B	31.0B	45.2	10.3	1.42	0.802	8.74	12.2	8.38	7.30B	3
4	5.00B	8.20B	13.5 B	40.0B	51.8	11.0	1.27	0.808	12.7	12.2	8.46	8.70B	4
5	5.80B	7.80B	11.5 B	52.0B	57.6	10.1	1.18	0.720	8.87	22.2	7.80	8.00B	5
6	5.40B	7.60B	10.2 B	72.0B	43.8	8.82	1.30	1.25	7.78	23.3	8.33	13.0 B	6
7	7.30B	7.30B	9.00B	86.0B	32.4	7.28	1.09	1.84	8.48	20.8	7.82	12.3 B	7
8	8.70B	6.80B	8.00B	120 B	26.2	6.30	1.07	3.46	5.98	18.3	7.23	11.5 B	8
9	10.5 B	8.40B	7.10B	110 B	22.3	5.40	1.34	18.5	4.95	16.5	8.85	10.6 B	9
10	12.2 B	8.10B	8.40B	84.0B	18.3	4.81	1.87	21.7	4.31	37.8	8.88	9.80B	10
11	14.3 B	8.80B	8.70B	61.6	15.4	3.87	2.74	13.4	3.84	46.4	7.81	9.00B	11
12	17.2 B	8.50B	8.20B	55.1	14.4	3.84	2.84	8.78	3.61	30.3	8.22	8.40B	12
13	18.0 B	8.20B	8.70B	59.5	13.2	3.81	2.41	7.88	8.71	22.8	11.2	7.80B	13
14	18.5 B	4.80B	4.28B	80.2	13.0	4.07	2.28	7.88	20.8	18.8	12.8	7.40B	14
15	17.8 B	4.70B	3.88B	64.6	11.8	4.00	2.81	22.8	16.3	17.0	11.2	8.80B	15
16	16.8 B	4.50B	5.70B	46.8	11.1	3.76	3.87	22.3	14.7	14.4	10.8	8.40B	16
17	15.8 B	4.20B	9.00B	47.8	10.8	3.47	3.78	18.8	13.7	15.3	13.1	8.90B	17
18	16.2 B	4.00B	14.8 B	48.8	9.46	3.88	4.53	11.8	11.8	24.4	22.8	8.50B	18
19	14.5 B	3.80B	31.0 B	49.8	8.37	3.75	3.51	9.30	8.71	20.8	26.3	8.80B	19
20	13.7 B	3.60B	26.8 B	51.4	7.17	3.83	2.89	7.18	8.08	18.7	20.8	7.20B	20
21	13.0 B	3.40B	25.0 B	48.1	8.09	2.51	2.43	6.14	6.88	12.8	17.2	8.80B	21
22	12.4 B	4.10B	22.0 B	36.4	6.81	2.28	2.10	5.81	6.08	12.0	23.8	8.30B	22
23	11.8 B	5.30B	19.5 B	37.8	5.06	2.13	1.81	10.8	6.48	13.8	38.2	8.00B	23
24	11.2 B	8.80B	17.5 B	52.0	4.68	1.95	1.80	16.8	5.18	14.4	24.8	8.45B	24
25	10.7 B	8.80B	15.5 B	46.1	4.33	1.81	1.72	16.8	4.88	13.0	17.2	8.45B	25
26	10.2 B	12.3 B	14.0 B	43.3	4.19	1.70	1.87	15.3	4.53	11.2	12.8 B	8.20B	26
27	9.80B	15.8 B	12.0 B	43.0	4.81	1.88	1.46	12.8	12.1	8.81	11.0 B	8.00B	27
28	9.10B	28.0 B	10.8 B	38.8	8.22	2.10	1.31	11.0	81.1	8.78	8.20B	8.80B	28
29	8.60B		9.40B	37.5	15.4	2.23	1.24	9.11	33.2	7.95	11.4 B	8.20B	29
30	8.20B		11.8 B	36.9	16.9	2.13	1.22	7.78	23.4	7.47	10.0 B	8.70B	30
31	8.00B		14.5 B		12.8		1.19	8.74		7.20		8.40B	31
TOTAL	347.00	207.50	414.24	1 818.5	588.89	137.85	65.23	300 930	338.68	545.02	390.70	231.98	TOTAL
MEAN	11.2	7.41	13.4	64.0	19.0	4.59	2.10	9.71	11.3	17.6	13.0	7.47	MEAN
MAX	18.0	28.0	31.0	120	61.8	11.0	8.78	22.8	81.1	46.4	38.2	13.0	MAX
MIN	5.00	3.40	3.88	18.8	4.19	1.70	1.07	0.720	3.81	7.20	8.29	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.2
MAXIMUM DAILY, 1208 ON APR 8
MINIMUM DAILY, 0.720 ON AUG 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 36 N
LONG 55 31 50 W
DRAINAGE AREA, 823 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	30 000	JUL	5 840
FEB	17 900	AUG	28 000
MAR	38 800	SEP	29 300
APR	140 000	OCT	47 100
MAY	50 900	NOV	33 600
JUN	11 900	DEC	20 000

TOTAL DISCHARGE, 448 000 dam³

GREAVETT BROOK ABOVE PORTLAND CREEK POND - STATION NO. 02YE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.880B	0.134B	0.410B	1.20B	3.82	8.40	7.10	0.804	18.1	8.13	3.03	1.47 B	1
2	0.660B	0.130B	0.360B	1.70B	5.85	8.10	8.18	0.528	13.8	8.13	3.03	1.35 B	2
3	0.640B	0.127B	0.280B	2.20B	11.7	8.00	3.88	0.488	10.0	5.00	3.04	1.28 B	3
4	0.620B	0.123B	0.260B	3.26B	23.0	7.80	2.88	0.418	7.20	5.88	8.44	1.20 B	4
5	0.600B	0.121B	0.226B	4.80B	18.9	8.06	4.48	3.00	6.31	8.38	8.12	1.13 B	5
6	0.580B	0.118B	0.200B	7.50B	13.5	8.47	5.81	20.8	4.04	8.41	8.42	1.08 B	6
7	0.560B	0.116B	0.180B	10.5 B	11.2	7.02	5.52	35.8	3.34	4.83	8.08	1.03 B	7
8	0.540B	0.113B	0.160B	21.0	10.0	8.02	7.84	33.7	2.80	4.31	4.78	1.00 B	8
9	1.00 B	0.111B	0.145B	14.2	18.5	8.27	7.02	18.3	2.46	4.87	4.44	1.25 B	9
10	2.00 B	0.110B	0.133B	9.52	17.8	8.41	8.11	11.2	2.12	12.8	4.26	1.80 B	10
11	3.90 B	0.108B	0.123B	8.81	18.2	4.35	3.84	7.10	1.80	10.8	4.43	1.50 B	11
12	2.50 B	0.106B	0.116B	4.63	16.5	3.82	3.05	5.17	1.70	7.37	8.17	1.38 B	12
13	1.70 B	0.107B	0.113B	3.46	23.4	3.15	2.82	3.98	1.88	5.80	5.58	1.30 B	13
14	1.05 B	0.108B	0.116B	2.87	18.3	2.86	2.35	3.26	1.67	8.88	8.98	1.21 B	14
15	0.780B	0.108B	0.130B	2.58	12.9	2.83	1.98	3.70	1.48	7.84	4.31	1.15 B	15
16	1.00 B	0.108B	2.00 B	2.87	12.8	2.84	1.80	4.28	1.34	7.18	3.81	1.08 B	15
17	0.830B	0.108B	8.60 B	3.00	10.8	3.05	1.70	4.81	1.14	7.80	5.80	1.02 B	17
18	0.680B	0.105B	5.80 B	3.49	11.8	3.81	1.81	8.44	1.08	7.88	7.07	0.870B	18
19	0.400B	0.105B	5.00 B	4.33	10.6	8.18	1.48	10.1	0.982	8.84	8.00	0.830B	19
20	0.300B	0.105B	3.80 B	8.06	14.8	7.78	1.40	7.03	0.803	4.63	4.58	0.880B	20
21	0.240B	0.105B	2.80 B	4.61	14.0	8.23	1.28	8.22	0.803	3.71	3.74	0.840B	21
22	0.230B	0.260B	2.20 B	3.87	8.97	4.82	1.18	8.85	0.787	4.70	3.38	0.800B	22
23	0.195B	0.400B	1.70 B	3.41	8.25	3.92	1.10	8.35	0.821	8.12	3.32	0.760B	23
24	0.180B	0.900B	1.50 B	3.42	10.5	3.33	1.01	8.38	1.43	8.18	3.27	0.730B	24
25	0.173B	4.60 B	1.30 B	3.10	11.3	2.87	0.884	8.00	2.83	4.72	2.788	0.700B	25
26	0.165B	3.00 B	1.15 B	3.28	13.7	2.72	0.810	8.85	3.18	8.63	2.388	0.675B	26
27	0.150B	0.900B	1.02 B	3.10	16.3	2.36	0.885	8.42	4.84	8.21	2.118	0.650B	27
28	0.153B	0.880B	0.950B	3.13	15.4	2.15	0.897	8.02	7.75	4.82	1.908	0.620B	28
29	0.148B		0.880B	3.11	17.7	5.88	0.843	8.88	8.42	3.88	1.728	0.595B	29
30	0.143B		0.830B	3.25	14.8	8.88	0.775	4.76	8.00	3.40	1.808	0.565B	30
31	0.139B		0.800B		12.2		0.888	13.2		3.08		0.540B	31
TOTAL	22.838	12.080	45.281	148.85	430.79	157.85	85.781	287.088	119.908	185.77	127.01	31.325	TOTAL
MEAN	0.737	0.431	1.46	4.96	13.9	5.26	2.80	8.82	4.00	5.98	4.23	1.01	MEAN
MAX	3.80	4.60	8.60	21.0	23.4	8.40	7.84	35.8	18.1	12.8	8.12	1.80	MAX
MIN	0.139	0.105	0.113	1.20	3.82	2.15	0.888	0.418	0.787	3.08	1.80	0.540	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.83
MAXIMUM DAILY, 35.6 ON AUG 7
MINIMUM DAILY, 0.105B ON FEB 17
MAXIMUM INSTANTANEOUS,
39.7 AT 05:53 NST ON AUG 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 37 N
LONG 57 34 45 W
DRAINAGE AREA, 95.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 870	JUL	7 800
FEB	1 040	AUG	23 100
MAR	3 910	SEP	10 400
APR	12 800	OCT	16 100
MAY	37 200	NOV	11 000
JUN	13 800	DEC	2 710

TOTAL DISCHARGE, 141 000 dam³

GREY RIVER NEAR GREY RIVER - STATION NO. 02ZD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.1 B	8.308	34.0 B	13.0B	221	23.9	8.06	8.13	85.4	80.3	18.5	30.2	1
2	8.208	7.408	28.0 B	40.5B	242	28.3	5.83	7.83	82.2	45.6	20.3	28.2	2
3	8.308	7.408	25.5 B	37.0B	262	31.3	5.02	8.40	130	35.6	22.3	23.8	3
4	7.708	8.808	22.5 B	33.0B	456	28.5	4.88	8.80	72.4	177	54.1	21.5 B	4
5	7.208	8.508	20.0 B	30.0B	283	27.0	3.88	8.11	48.6	116	62.8	20.3 B	5
6	8.708	8.208	18.0 B	48.0B	193	24.1	3.88	8.80	38.2	84.7	43.4	19.0 B	6
7	8.308	8.808	16.2 B	80.0B	162	20.0	4.04	8.88	27.6	67.6	47.2	18.0 B	7
8	8.008	8.608	14.5 B	170 B	191	18.7	4.04	42.0	22.5	108	83.4	18.8 B	8
9	10.8 B	8.308	13.2 B	150 B	184	14.0	15.2	113	18.8	87.1	41.8	18.0 B	9
10	14.0 B	8.108	12.2 B	117 B	163	11.8	16.3	71.7	18.4	324	87.5	16.0 B	10
11	16.3 B	4.908	11.2 B	80.0B	128	10.3	14.5	47.1	16.3	138	83.6	14.1 B	11
12	14.8 B	4.888	10.3 B	76.0B	113	10.2	14.0	33.8	24.3	67.8	130	13.4 B	12
13	30.5 B	4.508	9.808	86.0B	108	11.2	16.8	28.5	24.2	61.7	186	12.8 B	13
14	28.0 B	8.508	8.008	88.0B	81.4	11.3	18.3	33.2	26.0	48.0	88.4	12.1 B	14
15	26.5 B	7.008	10.8 B	82.0B	84.0	10.6	84.3	80.8	28.5	38.7	68.0	11.8 B	15
16	49.8	7.808	16.5 B	80.0B	80.4	9.58	51.1	41.6	82.8	31.8	71.8	11.0 B	16
17	41.8	7.108	12.5 B	87.0B	84.5	8.85	32.2	34.9	43.4	28.5	181	13.0 B	17
18	28.1	6.808	11.3 B	76.0B	49.5	7.78	23.8	26.5	39.8	26.5	248	14.4 B	18
19	31.1	8.508	10.0 B	80.0B	41.2	7.88	18.0	22.8	31.5	31.2	138	14.0 B	19
20	17.7	8.358	9.008	101 B	34.4	8.48	15.8	18.8	28.0	28.9	97.0	13.4 B	20
21	14.0 B	8.008	8.208	85.0B	28.2	15.0	13.1	15.7	24.3	23.6	70.4	12.5 B	21
22	13.0 B	13.0 B	7.408	73.0B	25.5	11.3	11.3	29.7	21.4	81.6	92.8	12.2 B	22
23	11.8 B	20.0 B	8.608	68.0B	22.3	8.34	10.5	41.0	18.8	69.2	61.8	11.7 B	23
24	10.8 B	84.0 B	8.208	82.0B	20.8	8.07	8.86	29.7	21.4	51.4	60.8	11.2 B	24
25	9.708	72.0 B	8.708	84.0B	18.3	7.21	7.70	25.4	33.8	38.8	38.8	10.8 B	25
26	8.008	61.0 B	8.258	74.0B	28.3	8.87	8.87	26.1	26.8	32.8	35.5B	10.2 B	26
27	10.3 B	52.0 B	4.808	80.0B	27.2	7.11	6.46	25.0	314	27.4	32.8B	9.808	27
28	11.0 B	46.0 B	4.408	120 B	26.3	7.04	6.10	23.4	182	23.3	28.7	9.408	28
29	8.858		7.808	148	27.4	6.83	12.8	20.3	110	20.5	25.3	9.008	29
30	9.408		7.308	147	34.5	6.62	15.2	17.4	78.7	18.0	25.3	8.708	30
31	8.908		6.758		28.7		11.3	48.2		16.5		8.408	31
TOTAL	482.58	481.93	383.80	2 418.5	3 488.7	404.80	439.42	918.73	1 623.0	1 939.6	2 185.4	448.80	TOTAL
MEAN	15.6	17.2	12.4	80.6	112	13.5	14.2	29.6	54.1	62.5	73.2	14.5	MEAN
MAX	49.8	84.0	34.0	187	456	31.2	84.3	113	314	324	248	30.2	MAX
MIN	8.00	4.80	4.40	12.0	18.3	6.62	3.88	5.11	13.7	16.8	18.5	8.40	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.7
MAXIMUM DAILY, 456 ON MAY 4
MINIMUM DAILY, 3.88 ON JUL 5
MAXIMUM INSTANTANEOUS,
6260 AT 22:24 NST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 35 N
LONG 55 55 05 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 600	JUL	38 000
FEB	41 800	AUG	78 100
MAR	33 200	SEP	140 000
APR	209 000	OCT	168 000
MAY	301 000	NOV	190 000
JUN	35 000	DEC	38 800

TOTAL DISCHARGE, 1 320 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 882 IS DUE TO CURVE EXTENSION

HARRYS RIVER BELOW HIGHWAY BRIDGE - STATION NO. 02YJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.708	8.408	12.3 B	28.0B	48.3	23.0	9.04	4.78	37.3	34.8	16.7	19.2	1
2	7.808	8.008	10.0 B	48.0B	84.6	21.7	8.22	4.80	84.3	27.1	25.6	18.1	2
3	7.208	7.608	9.208	44.0B	128	30.2	7.85	4.41	55.4	23.7	20.0	16.9	3
4	7.008	7.208	8.608	36.0B	130	18.2	7.04	4.27	34.3	80.1	83.1	16.5	4
5	8.508	8.608	7.808	30.0B	104	16.8	7.48	43.1	27.8	40.8	82.3	15.8	5
6	6.708	8.608	7.308	26.0B	98.8	17.2	8.08	80.8	24.3	35.4	35.8	15.0 B	6
7	8.508	8.308	8.808	36.0B	103	15.9	7.27	49.4	21.7	33.3	48.7	14.3 B	7
8	8.508	8.008	8.508	57.0B	138	14.8	8.84	84.6	19.8	43.5	39.7	16.4 B	8
9	9.608	8.458	8.158	50.0B	135	13.8	8.88	45.3	17.8	38.1	31.2	17.3 B	9
10	17.8 B	8.808	8.808	48.8	134	12.5	8.38	27.4	16.8	88.2	48.8	16.0 B	10
11	16.7 B	8.408	8.508	38.8	113	11.8	8.18	21.5	15.3	85.1	49.2	16.2 B	11
12	15.2 B	8.208	8.108	35.6	108	11.4	8.07	18.8	14.7	63.8	51.8	14.8 B	12
13	13.7 B	8.008	8.108	34.2	108	11.6	8.10	17.8	14.2	39.4	84.0	14.0 B	13
14	12.2 B	4.808	4.908	33.3	88.4	11.3	8.83	124	13.2	38.5	38.8	13.3 B	14
15	14.2 B	4.658	7.708	33.8	81.7	10.4	8.70	77.8	12.3	37.3	34.2	13.0 B	15
16	18.3 B	4.588	12.0 B	36.3	71.8	9.88	8.44	43.3	12.2	32.7	78.2	12.5	16
17	21.0 B	4.458	18.0 B	38.4	86.7	8.55	8.17	38.4	11.8	88.8	88.5	13.1	17
18	20.0 B	4.308	17.5 B	43.1	85.2	8.03	8.08	34.3	11.1	48.0	82.8	11.8	18
19	18.0 B	4.188	15.5 B	48.8	82.8	8.04	4.82	28.8	10.4	35.8	40.8	11.8	19
20	16.5 B	4.058	13.8 B	48.3	83.1	8.88	4.88	24.4	10.0	30.2	38.5	11.3	20
21	15.8 B	8.408	12.0 B	41.2	43.8	8.46	4.84	22.5	10.7	28.7	33.1	10.8	21
22	14.8 B	17.5 B	10.7 B	36.8	36.8	8.08	8.40	22.2	10.8	42.2	36.8	10.7 B	22
23	13.5 B	40.0 B	9.808	38.8	36.0	7.88	8.28	24.4	9.77	35.7	33.7	10.4 B	23
24	12.4 B	35.0 B	8.808	34.3	33.3	7.84	8.57	23.0	10.8	31.0	28.4	10.3 B	24
25	12.0 B	30.0 B	8.208	31.4	40.5	7.34	8.73	22.2	17.3	28.1	27.8	10.2 B	25
26	11.5 B	28.0 B	7.708	31.0	57.4	8.85	8.11	25.3	11.8	28.3	25.4	9.908	26
27	10.8 B	20.5 B	7.308	31.8	35.8	8.73	8.85	28.3	54.3	23.4	23.0	9.758	27
28	10.4 B	17.5 B	8.808	31.4	33.4	7.30	8.24	25.0	34.2	21.7	21.2	9.508	28
29	9.808		8.738	33.4	34.0	12.8	8.18	21.4	29.0	20.5	21.1	9.458	29
30	8.408		13.0 B	38.4	31.8	11.1	8.28	18.8	84.4	19.0	20.8	9.308	30
31	8.808		18.8 B		28.7		8.07	88.4		17.7		9.208	31
TOTAL	378.30	308.93	288.28	1 148.2	2 308.8	383.34	198.38	1 058.87	677.17	1 176.8	1 184.3	404.00	TOTAL
MEAN	12.1	11.0	9.82	38.3	74.8	12.1	8.40	34.2	22.8	38.0	38.8	13.0	MEAN
MAX	21.0	40.0	18.0	57.0	138	23.0	9.40	124	84.4	88.2	83.1	18.2	MAX
MIN	8.80	4.05	4.80	28.0	28.7	8.73	4.84	4.27	8.77	17.7	16.7	9.20	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.0
MAXIMUM DAILY, 138 ON MAY 8
MINIMUM DAILY, 4.05B ON FEB 20
MAXIMUM INSTANTANEOUS,
328 AT 18:42 NST ON AUG 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 31 N
LONG 58 21 48 W
DRAINAGE AREA, 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 600	JUL	17 100
FEB	26 700	AUG	91 600
MAR	25 800	SEP	58 500
APR	86 000	OCT	102 000
MAY	199 000	NOV	102 000
JUN	31 400	DEC	34 900

TOTAL DISCHARGE, 820 000 dam³

NEWFOUNDLAND AND LABRADOR

HIGHLANDS RIVER AT TRANS-CANADA HIGHWAY - STATION NO. 02ZA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6008	0.3958	2.40 B	1.808	7.58	1.83	0.318	0.1188E	2.57	3.41	1.28	1.41 B	1
2	0.5708	0.3708	2.10 B	5.108	10.8	1.67	0.280	0.1048E	2.81	3.04	2.48	1.21 B	2
3	0.5458	0.3508	1.88 B	3.208	21.0	1.61	0.263	0.0918E	3.38	1.80	1.88	1.07 B	3
4	0.5208	0.3358	1.68 B	1.83	14.5	1.38	0.238	0.0818E	1.84	6.78	7.07	0.8408 B	4
5	0.5008	0.3208	1.48 B	2.08	8.38	1.24	0.227	0.428	1.38	3.43	4.81	0.8808 B	5
6	0.4858	0.3058	1.28 B	4.05	8.74	1.11	0.218	3.23	0.882	2.44	2.83	0.7808 B	6
7	0.4708	0.2958	1.10 B	13.2	13.7	0.885	0.212	2.06	0.782	3.08	3.55	0.7008 B	7
8	0.4558	0.2828	1.00 B	14.5	17.1	0.671	0.208	2.73	0.888	2.45	3.08	1.40 B	8
9	0.8008	0.2728	0.9008	11.1	11.4	0.788	0.1888	3.44	0.883	8.13	2.15	2.80 B	9
10	2.20 B	0.2638	0.8198	8.27	8.84	0.667	0.1888	1.48	0.803	18.2	3.34	2.30 B	10
11	2.06 B	0.2538	0.7408	3.88	10.1	0.827	0.1878	0.888	0.813	5.88	3.83	1.80 B	11
12	1.84 B	0.2468	0.6808	3.01	10.8	0.838	0.207	0.838	0.881	3.84	4.42	1.10 B	12
13	1.70 B	0.2388	0.6108	2.88	11.2	0.831	0.267	0.827	0.838	3.82	4.80	0.8808	13
14	1.80 B	0.3008	0.5708	2.87	8.80	0.818	0.248	2.58	0.488	3.73	2.82	0.7808	14
15	2.80 B	0.4008	0.5508	2.87	8.08	0.882	0.238	2.87	0.880	3.71	3.20	0.8708	15
16	2.28 B	0.3888	1.28 B	3.38	8.85	0.857	0.228	1.87	0.885	2.75	18.0	1.04 B	16
17	2.00 B	0.3748	1.48 B	3.82	8.88	0.844	0.208	2.81	0.727	7.04	13.4	0.8508	17
18	1.80 B	0.3608	1.70 B	3.72	8.85	0.488	0.1888	2.02	0.881	4.28	7.78	0.7708	18
19	1.40 B	0.3488	1.48 B	4.88	4.74	0.480	0.1738	1.28	0.883	3.88	8.04	0.8308	19
20	1.24 B	0.3388	1.30 B	4.34	4.04	0.488	0.1848	0.808	0.813	1.87	4.20	0.8908	20
21	1.08 B	0.3208	1.18 B	3.80	3.87	0.418	0.1508	0.728	0.813	1.84	3.84	0.8408	21
22	0.8808	1.20 B	1.07 B	3.13	3.33	0.382	0.1418	1.31	0.880	5.19	2.87	0.7808	22
23	0.8608	2.80 B	0.9808	3.38	3.88	0.358	0.1368	1.83	0.572	3.74	4.87	0.7308	23
24	0.7808	5.40 B	0.8708	2.84	3.20	0.327	0.1328	2.33	0.633	2.82	2.88	0.8508	24
25	0.8908	4.70 B	0.8008	2.28	3.23	0.323	0.1238	3.45	1.03	2.07	3.00 B	0.8808	25
26	0.8208	4.00 B	0.7208	2.21	4.18	0.324	0.1188	8.27	0.818	1.73	1.38 B	0.8208	26
27	0.8708	3.20 B	0.8508	2.81	3.08	0.388	0.1068	8.34	8.80	1.47	1.12 B	0.7408	27
28	0.5208	2.70 B	1.00 B	3.48	2.86	0.388	0.0988	3.84	4.84	1.38	0.8808	1.28 B	28
29	0.4808		1.50 B	3.85	2.37	0.387	0.1428	3.07	3.52	1.30	1.40 B	1.08 B	29
30	0.4508		2.80 B	4.81	1.88	0.347	0.1908	1.38	8.87	1.22	1.78 B	0.8008	30
31	0.4208		2.00 B		1.87		0.1448	2.88		1.14		0.7808	31
TOTAL	33.018	30.481	36.880	130.82	227.63	21.548	5.886	58.338	47.284	107.83	128.320	30.880	TOTAL
MEAN	1.07	1.08	1.28	4.36	7.34	0.718	0.190	1.88	1.58	3.48	4.28	1.00	MEAN
MAX	2.80	5.40	2.80	14.5	21.0	1.87	0.318	8.34	8.80	18.2	18.0	2.80	MAX
MIN	0.420	0.238	0.570	1.80	1.87	0.323	0.098	0.081	0.488	1.14	0.880	0.820	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.38
MAXIMUM DAILY, 21.0 ON MAY 3
MINIMUM DAILY, 0.0818 ON AUG 4
MAXIMUM INSTANTANEOUS,
33.2 AT 13:13 NST ON NOV 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 06 33 N
LONG 55 47 04 W
DRAINAGE AREA, 72.0 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 850	JUL	505
FEB	2 630	AUG	5 040
MAR	3 180	SEP	4 080
APR	11 300	OCT	9 230
MAY	19 700	NOV	11 100
JUN	1 860	DEC	2 660

TOTAL DISCHARGE, 74 400 dam³

REMARKS - THE E FOR DISCHARGE BELOW .100 IS DUE TO CURVE EXTENSION

MINDS BROOK AT MINDS BROOK POWER HOUSE - STATION NO. 02YK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.2	24.6	5.44	33.0	13.8	7.88	8.13	14.0	0.884	0.884	0	23.8	1
2	30.2	26.6	0.884	22.8	13.8	8.13	7.88	8.03	0.884	10.4	0	22.2	2
3	36.2	34.5	7.84	25.0	18.1	0	0	8.33	0.884	0.884	18.1	20.8	3
4	34.8	34.5	0.884	34.6	13.1	0	20.6	8.10	0.884	0.884	0	20.6	4
5	33.7	36.0	0.884	24.3	12.8	22.3	22.1	8.33	0.884	0.884	18.3	24.2	5
6	33.8	36.7	0.884	25.6	8.83	0	0	8.33	23.0	0.884	11.8	28.4	6
7	34.7	35.1	0.884	25.3	11.3	0	23.1	8.10	26.3	0.884	13.4	35.4	7
8	34.7	35.2	0.884	22.2	18.6	11.0	0.884	7.87	26.0	2.88	13.4	35.1	8
9	28.7	27.6	14.3	23.4	7.41	0	13.9	8.38	26.6	5.80	16.2	35.6	9
10	25.3	27.6	0.884	14.6	13.2	0	23.1	7.78	26.8	1.80	15.2	28.3	10
11	24.8	24.6	0.884	11.5	7.08	0	24.1	7.87	23.4	7.67	12.0	28.1	11
12	27.4	24.6	0.884	18.0	11.0	1.85	15.6	0.884	22.2	8.88	11.8	25.2	12
13	11.3	25.5	4.74	13.0	8.83	14.2	10.8	0.884	26.0	0.884	18.3	25.4	13
14	18.3	24.5	0.884	18.3	7.87	24.2	8.85	0.884	25.3	0.884	17.5	25.4	14
15	18.9	24.4	0.884	18.7	13.1	23.8	12.6	0.884	25.4	0.884	18.1	25.3	15
16	20.4	24.4	1.80	8.33	13.6	23.5	8.81	0.884	25.8	0.884	17.8	25.2	16
17	24.1	25.0	10.8	11.3	10.1	22.2	10.2	0.884	25.8	0.884	13.3	25.4	17
18	25.2	25.6	24.2	15.0	15.0	20.8	0.884	0.884	23.4	6.46	11.6	25.6	18
19	27.0	25.2	21.6	11.7	12.8	22.6	0.884	0.884	23.2	8.80	11.3	25.2	19
20	24.2	25.4	22.4	18.1	12.4	23.1	0.884	0.884	25.8	6.67	8.14	25.2	20
21	23.8	25.1	24.6	8.66	15.8	22.7	0.884	0.884	25.8	6.46	1.74	25.3	21
22	26.8	16.6	24.8	15.0	12.7	23.4	0.884	0.884	27.1	8.84	18.2	25.1	22
23	26.0	21.3	26.3	8.80	16.1	23.0	0.884	0.884	26.8	6.32	22.4	25.3	23
24	23.7	16.6	25.8	0.884	17.4	21.1	17.8	0.884	26.8	0.884	17.6	25.3	24
25	25.8	0.884	24.2	8.84	21.1	22.0	24.4	0.884	28.7	0.884	17.1	25.8	25
26	25.2	0.884	22.2	19.0	8.85	19.8	25.8	0.884	5.32	0.884	17.8	25.7	26
27	26.4	7.41	6.26	11.8	0.884	24.3	17.7	0.884	0.884	0.884	20.0	25.7	27
28	26.7	16.4	12.8	14.1	0.884	22.8	8.26	0.884	16.2	0.884	8.14	25.4	28
29	25.3		23.1	8.48	0.884	21.5	12.1	0.884	11.1	0.884	20.1	25.4	29
30	23.8		26.6	10.6	0	21.4	12.1	0.884	0.884	0.884	24.1	25.4	30
31	24.6		25.8		0		18.6	0.884		3.24		25.4	31
TOTAL	881.3	782.098	381.314	478.234	337.832	454.55	388.778	107.840	881.578	89.832	408.72	1 016.4	TOTAL
MEAN	26.8	28.3	11.7	15.0	10.8	15.2	11.8	3.48	23.1	2.88	13.8	32.8	MEAN
MAX	36.8	36.8	26.3	33.6	21.1	33.8	25.9	14.0	37.1	10.4	26.1	35.7	MAX
MIN	11.3	0.884	0.884	0.884	0	0	0	0.884	0.884	0.884	0	20.8	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.4
MAXIMUM DAILY, 36.8 ON FEB 16
MINIMUM DAILY, 0 ON MAY 30

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 05 00 N
LONG 57 12 13 W
DRAINAGE AREA, 881 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	77 000	JUL	31 700
FEB	66 400	AUG	8 320
MAR	31 200	SEP	59 600
APR	41 400	OCT	7 740
MAY	28 200	NOV	35 100
JUN	38 300	DEC	87 700

TOTAL DISCHARGE, 518 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND AND LABRADOR HYDRO

REGULATED SINCE 1961

HUMBER RIVER AT GRAND LAKE OUTLET - STATION NO. 02YK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.5	161	123	142	182	138	110	112	30.8	128	138	174	1
2	88.5	138	155	151	180	148	88.6	154	22.5	148	123	180	2
3	158	157	128	139	130	136	12.1	148	21.8	111	143	188	3
4	151	157	148	128	180	135	33.3	153	24.0	102	138	158	4
5	163	161	138	118	180	148	83.7	128	92.9	158	182	164	5
6	185	144	118	109	154	128	121	133	137	182	135	157	6
7	180	148	138	186	187	127	132	127	148	171	183	158	7
8	182	123	139	157	183	138	148	112	151	148	186	184	8
9	184	142	135	158	134	158	117	112	148	153	181	153	9
10	149	161	142	131	121	131	148	138	147	131	137	178	10
11	144	158	145	127	142	125	122	145	144	182	177	178	11
12	172	158	147	137	134	188	148	148	157	181	180	158	12
13	163	144	140	138	117	180	134	138	128	181	182	157	13
14	188	118	132	180	124	182	138	133	148	185	174	141	14
15	182	117	147	142	187	171	131	138	135	188	189	185	15
16	158	133	157	158	181	158	81.8	132	122	148	184	178	16
17	180	123	138	140	134	180	88.8	143	147	146	181	188	17
18	187	140	188	148	140	148	75.8	150	107	141	158	158	18
19	184	141	157	188	182	138	88.7	135	108	188	173	150	18
20	151	138	124	189	182	143	138	157	117	148	187	132	20
21	158	143	114	181	181	128	138	184	108	188	158	137	21
22	150	121	88.8	180	138	148	111	148	102	184	182	153	22
23	182	138	124	184	180	130	130	115	108	188	132	188	23
24	181	118	153	157	148	138	130	118	81.4	183	188	71.8	24
25	138	137	157	130	131	135	112	141	111	188	188	48.5	25
26	144	138	135	148	138	181	138	127	147	128	181	144	28
27	154	154	152	138	130	148	142	11.7	151	138	181	177	27
28	164	138	118	188	128	108	104	32.4	140	153	182	188	28
29	184		135	158	183	137	130	24.2	143	183	138	188	28
30	135		128	181	141	131	124	24.7	155	117	173	174	30
31	188		148		143		130	17.5		134		87.8	31
TOTAL	4 851.0	3 946	4 257.8	4 340	4 486	4 328	3 541.5	3 870.5	3 477.2	4 859	4 717	4 887.3	TOTAL
MEAN	150	141	137	145	144	144	114	118	118	150	157	151	MEAN
MAX	187	161	157	181	183	188	148	187	157	184	188	184	MAX
MIN	30.5	118	88.8	109	117	109	12.1	11.7	20.8	102	123	40.8	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 139
MAXIMUM DAILY, 188 ON JUN 18
MINIMUM DAILY, 11.7 ON AUG 27

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 08 43 N
LONG 57 25 28 W
DRAINAGE AREA, 5 020 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	402 000	JUL	306 000
FEB	341 000	AUG	317 000
MAR	366 000	SEP	300 000
APR	375 000	OCT	407 000
MAY	385 000	NOV	407 000
JUN	374 000	DEC	405 000

TOTAL DISCHARGE, 4 380 000 dam³

DATA CONTRIBUTED BY -
DEER LAKE POWER COMPANY LIMITED

REGULATED

HUMBER RIVER AT HUMBER VILLAGE BRIDGE - STATION NO. 02YL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	158	185	188	178	287	366	174	132	185	203	233	244	1
2	138	194	181	184	302	353	188	134	152	208	226	241	2
3	132	213	200	184	332	339	158	139	151	217	214	232	3
4	141	188	200	180	365	324	139	143	148	224	228	231	4
5	151	204	184	178	384	312	124	148	148	219	248	229	5
6	180	208	185	178	423	298	124	155	158	231	288	222	6
7	185	195	185	203	445	288	128	157	170	241	288	218	7
8	170	187	190	238	488	274	132	160	178	252	295	228	8
9	183	182	192	276	470	282	137	165	185	255	285	228	9
10	188	186	185	302	484	267	140	173	188	303	288	218	10
11	182	185	188	320	498	243	143	188	188	318	284	218	11
12	185	181	177	335	521	233	145	198	188	338	301	220	12
13	180	178	173	341	532	224	148	201	188	344	314	212	13
14	188	174	174	338	518	212	148	210	185	338	318	208	14
15	182	170	173	332	508	208	151	218	185	328	318	203	15
16	187	158	178	328	494	188	150	212	182	317	318	204	16
17	185	180	185	328	475	182	145	208	178	317	323	207	17
18	188	232	188	324	461	188	137	207	178	310	323	207	18
19	188	213	180	330	438	188	128	208	188	302	332	208	19
20	184	181	187	338	420	185	124	208	181	298	348	201	20
21	183	173	188	348	407	184	128	208	157	288	348	201	21
22	200	178	188	340	388	178	131	212	152	295	344	197	22
23	201	173	185	338	388	178	130	218	153	300	333	188	23
24	183	173	185	328	374	178	133	218	148	308	320	185	24
25	182	178	188	320	388	177	132	234	142	312	310	174	25
28	185	180	188	308	374	178	128	251	138	303	288	183	28
27	182	182	184	302	377	178	131	258	182	288	278	182	27
28	188	188	182	281	381	178	135	234	170	275	288	171	28
29	188		184	287	380	177	132	218	178	283	283	188	28
30	184		180	285	382	178	133	188	184	257	253	180	30
31	180		178		378		134	170		243		181	31
TOTAL	5 600	5 224	5 586	8 558	13 022	8 921	4 283	5 967	5 025	8 691	8 794	8 356	TOTAL
MEAN	181	187	188	285	420	231	138	192	168	280	283	205	MEAN
MAX	201	232	200	348	532	366	174	258	184	344	348	244	MAX
MIN	132	158	173	178	287	178	124	132	138	203	214	153	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 231
MAXIMUM DAILY, 532 ON MAY 13
MINIMUM DAILY, 124 ON JUL 5
MAXIMUM INSTANTANEOUS,
534 AT 09:16 NST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 02 N
LONG 57 45 41 W
DRAINAGE AREA, 7 880 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	484 000	JUL	371 000
FEB	452 000	AUG	516 000
MAR	507 000	SEP	434 000
APR	728 000	OCT	751 000
MAY	1 130 000	NOV	760 000
JUN	898 000	DEC	548 000

TOTAL DISCHARGE, 7 290 000 dam³

REGULATED

INDIAN BAY BROOK NEAR NORTHWEST ARM - STATION NO. 02YR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.188	7.108	11.1 B	8.08	37.5	8.33	3.01	1.58	1.01	4.10	8.84	8.208	1
2	5.998	6.858	10.3 B	9.28	28.2	7.08	2.84	1.52	0.908	4.03	8.54	8.008	2
3	5.818	6.638	9.758	9.43	25.4	7.16	2.88	1.48	0.807	4.10	8.21	8.908	3
4	5.628	6.458	9.308	9.24	24.8	8.85	2.85	1.37	0.802	4.27	8.28	7.508	4
5	5.508	6.308	8.808	9.73	23.9	8.57	2.84	1.31	0.785	4.72	8.31	10.7	5
6	5.388	6.058	8.508	11.1	22.5	8.27	2.74	1.42	0.748	4.87	8.78	10.2	6
7	5.228	5.958	8.058	13.4	21.4	8.85	2.80	1.38	0.781	4.87	8.88	9.81	7
8	5.108	5.808	7.858	16.0	20.8	8.78	2.63	1.81	0.728	4.88	8.48	9.85	8
9	6.808	5.658	7.458	22.2	19.7	8.38	2.87	2.02	0.728	5.11	8.35	9.808	9
10	6.558	5.508	7.288	24.4	18.7	8.08	2.71	1.80	0.880	8.48	8.18	8.858	10
11	8.188	5.388	7.008	27.3	17.7	4.73	2.57	1.70	0.712	5.88	8.18	8.258	11
12	7.808	5.188	6.908	30.6	17.0	4.52	2.58	1.88	1.23	5.47	8.21	8.158	12
13	8.508	5.028	6.758	33.2	16.0	4.88	2.55	1.60	3.31	5.53	8.27	8.908	13
14	8.708	4.908	6.608	34.2	15.2	4.85	2.45	1.58	2.77	5.57	8.07	8.708	14
15	11.0 B	4.808	8.40	34.7	13.8	4.33	2.78	1.88	2.58	5.85	4.81	8.508	15
16	12.0 B	4.858	7.31	34.5	13.4	4.14	2.88	1.70	2.51	5.72	4.81	8.308	16
17	11.8 B	4.658	6.58	33.8	12.8	3.85	2.68	1.83	2.78	7.38	5.02	8.408	17
18	11.8 B	4.428	8.84	33.0	11.8	3.82	2.48	1.84	2.81	7.58	5.85	8.858	18
19	11.1 B	4.388	8.508	32.4	11.2	3.80	2.35	1.37	2.52	7.34	5.18	8.808	19
20	10.7 B	4.258	8.408	31.6	10.4	3.73	2.28	1.28	2.40	7.38	5.42	8.858	20
21	10.3 B	5.808	8.808	30.4	8.75	3.87	2.15	1.22	2.37	7.24	5.17	8.458	21
22	9.888	7.808	8.208	29.0	8.11	4.28	2.10	1.21	2.40	7.38	8.84	8.258	22
23	9.508	8.808	8.858	33.6	8.88	3.98	2.05	1.40	2.82	7.84	8.81	8.158	23
24	9.308	11.1 B	8.708	34.4	8.38	3.73	1.98	1.30	2.93	7.82	8.388	8.008	24
25	8.978	12.1 B	8.78	33.6	7.94	3.58	1.88	1.28	3.13	7.58	8.168	7.858	25
26	8.658	12.4 B	10.3	32.8	8.08	3.52	1.88	1.17	2.81	7.83	8.858	7.758	26
27	8.308	12.6 B	10.2	31.4	7.83	3.46	1.88	1.18	4.48	7.84	8.788	7.608	27
28	8.008	12.0 B	9.90	30.3	7.48	3.38	1.86	1.10	4.58	7.87	8.558	8.208	28
29	7.758		10.1	29.8	7.42	3.35	1.78	0.881	3.88	7.20	8.408	8.158	29
30	7.558		9.808	28.8	7.04	3.20	1.78	0.848	3.78	8.87	8.008	8.008	30
31	7.358		9.308		6.80		1.58	0.885		8.78		7.808	31
TOTAL	259.87	193.23	288.38	775.08	458.51	141.05	73.45	44.245	84.787	191.28	170.63	281.81	TOTAL
MEAN	8.38	6.90	8.58	25.8	14.8	4.70	2.37	1.43	2.16	6.17	5.58	8.44	MEAN
MAX	12.0	12.6	11.1	34.7	27.5	7.16	3.01	2.02	4.58	7.84	8.84	10.7	MAX
MIN	5.10	4.35	8.40	8.08	6.80	3.20	1.58	0.848	0.880	4.03	4.81	5.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.85
MAXIMUM DAILY, 34.7 ON APR 15
MINIMUM DAILY, 0.880 ON SEP 10
MAXIMUM INSTANTANEOUS,
36.3 AT 17:10 NST ON APR 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 24 N
LONG 53 53 00 W
DRAINAGE AREA, 884 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 500	JUL	8 350
FEB	16 700	AUG	3 820
MAR	23 200	SEP	5 800
APR	67 000	OCT	16 500
MAY	39 600	NOV	14 700
JUN	12 200	DEC	22 800

TOTAL DISCHARGE, 251 000 dam³

INDIAN BROOK AT INDIAN FALLS - STATION NO. 02YM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.508	2.648	10.4 B	7.808	32.8	21.3	5.82	2.40A	3.87	7.52	8.62	12.4 B	1
2	4.308	2.538	9.508	8.708	37.1	19.0	5.27	2.15E	3.85	8.60	8.44	11.6 B	2
3	4.158	2.458	8.808	9.508	45.8	17.8	4.80	1.88E	3.87	8.28	8.13	11.3 B	3
4	4.058	2.358	7.808	10.4 B	50.8	16.0	4.57	2.40E	3.90	8.14	10.4	11.1 B	4
5	3.888	2.288	7.108	11.8 B	58.2	15.2	4.53	2.80E	3.71	8.29	12.6	10.6 B	5
6	3.888	2.198	6.508	14.0 B	60.5	14.6	4.48	3.08A	3.45	8.25	12.8	10.2 B	6
7	3.608	2.128	6.708	18.0 B	44.3	13.5	4.35	3.33	3.30	8.15	12.8	9.858	7
8	3.708	2.048	6.308	25.0 B	40.4	12.8	4.08	3.70	3.17	8.84	12.7	9.508	8
9	10.4 B	1.988	6.808	80.0 B	38.8	11.3	4.13	3.84	3.08A	8.24	12.1	9.208	9
10	8.408	1.838	6.408	88.0 B	37.3	10.8	4.22	3.80	2.80E	21.8	11.8	9.008	10
11	8.858	1.858	6.008	82.0 B	34.8	9.88	4.10	3.48	2.80E	24.0	13.0	8.858	11
12	8.008	1.838	5.858	48.0 B	32.0	9.48	4.10	3.14	3.10E	27.2	13.7	8.408	12
13	7.308	1.788	5.308	40.8	28.8	9.88	4.02	2.81	3.32E	21.4	14.8	8.108	13
14	6.808	1.748	5.008	35.8	26.1	9.44	4.18	2.93A	3.80E	18.8	14.8	7.808	14
15	6.308	1.708	4.708	38.0	24.0	9.61	4.18	3.48E	3.80E	16.8	13.7	7.708	15
16	5.808	1.888	5.808	40.3	22.7	8.88	4.32	3.42E	3.50E	15.4	13.2	7.508	16
17	5.558	1.848	4.808	40.4	21.2	8.00	4.10	3.30E	3.43E	15.0	13.4	7.358	17
18	5.258	1.828	8.508	42.8	19.2	7.31	3.85	3.00E	3.32E	18.0	15.0	7.108	18
19	5.008	1.808	10.5 B	45.2	17.8	7.03	3.88	2.75E	2.85E	18.8	18.8	8.908	19
20	4.858	2.258	10.0 B	46.8	18.7	8.58	4.80	2.57E	2.72E	18.8	15.8	8.708	20
21	4.358	3.008	12.5 B	43.2	14.6	6.21	5.00	2.80E	2.52E	15.1	15.1	7.808	21
22	4.158	4.008	11.4 B	37.7	13.8	5.98	4.81	3.05E	2.40E	14.1	15.4	8.208	22
23	3.958	4.858	10.4 B	38.6	13.0	5.77	4.17	3.43A	2.25E	13.5	13.8	8.708	23
24	3.758	7.008	9.808	42.1	12.2	5.58	4.02	3.88	2.18E	12.8	17.4 B	8.308	24
25	3.858	8.008	9.408	41.6	11.7	5.38	3.98	5.08	2.80E	12.2	18.8 B	8.008	25
26	3.408	14.0 B	9.008	40.3	18.4	5.08	3.87	5.54	2.85E	11.8	15.8 B	7.858	26
27	3.258	12.8 B	8.508	37.1	25.8	5.02	3.81A	5.54	4.07A	11.0	15.0 B	7.308	27
28	3.138	11.5 B	8.108	33.5	26.7	4.93	3.70E	5.08	7.28	10.8	14.2 B	7.058	28
29	2.888		7.808	31.8	33.7	5.88	3.30E	4.82	8.80	10.0	13.4 B	6.758	29
30	2.858		7.508	31.8	30.3	5.77	3.38E	4.09	8.18	8.58	12.8 B	6.458	30
31	2.758		7.308		24.8		3.30E	3.83		8.17		6.258	31
TOTAL	153.98	108.83	228.88	1 029.80	912.2	282.78	131.11	107.25	110.38	416.78	408.38	284.80	TOTAL
MEAN	4.87	3.81	7.38	34.3	29.4	9.78	4.23	3.48	3.88	13.4	13.8	8.88	MEAN
MAX	10.4	14.0	15.0	80.0	80.8	21.3	5.82	5.54	8.80	34.0	18.8	12.4	MAX
MIN	2.75	1.80	2.70	7.80	11.7	4.83	3.30	1.88	2.18	8.14	8.13	8.26	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.6
MAXIMUM DAILY, 80.8 ON MAY 4
MINIMUM DAILY, 1.808 ON FEB 19
MAXIMUM INSTANTANEOUS,
81.8 AT 18:04 NST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 43 N
LONG 56 05 45 W
DRAINAGE AREA, 974 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 300	JUL	11 300
FEB	9 210	AUG	9 270
MAR	19 800	SEP	9 540
APR	69 000	OCT	38 000
MAY	76 800	NOV	35 300
JUN	26 300	DEC	22 900

TOTAL DISCHARGE, 380 000 dam³

REMARKS - FLOW FROM 238 km² DIVERTED INTO BIRCHY LAKE IN 1983. A CONDUIT PERMITS FLOW TO BYPASS AS A DFO REQUIREMENT

ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE - STATION NO. 02ZB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.50 B	1.49 B	5.00 B	3.80B	28.5	14.8	1.48	0.700E	23.8	12.6	2.56	4.20B	1
2	1.38 B	1.36 B	4.30 B	7.00B	32.8	17.2	1.26	0.610E	56.5	7.33	6.73	3.60B	2
3	1.30 B	1.27 B	3.80 B	5.80B	93.0	15.4	1.08	0.520E	41.8	18.5	5.70	3.28B	3
4	1.22 B	1.18 B	3.40 B	5.00B	75.0	13.4	0.977	0.450E	14.1	56.0	56.0	2.95B	4
5	1.14 B	1.08 B	3.10 B	5.00B	62.8	31.7	0.898	15.8 A	7.05	28.1	27.1	2.85B	5
6	1.08 B	1.02 B	2.80 B	12.0 B	55.5	17.8	0.894	51.8	4.32	13.3	11.6	2.45B	6
7	1.00 B	0.980B	2.55 B	18.0 B	70.2	11.6	0.848	18.8	3.18	17.7	27.8	2.25B	7
8	0.930B	0.900B	2.40 B	30.0 B	104	8.88	0.831	15.9	2.81	28.0	20.8	5.90B	8
9	5.60 B	0.840B	2.20 B	80.0 B	77.7	7.15	0.838	11.8	2.20	24.1	10.5	5.00B	9
10	4.80 B	0.800B	2.05 B	30.0 B	55.7	5.81	0.815	8.37	1.85	48.3	32.8	4.25B	10
11	4.00 B	0.780B	1.88 B	20.0 B	50.8	5.38	0.747	3.87	1.73	18.4	27.0	3.65B	11
12	5.50 B	0.720B	1.78 B	13.0 B	52.1	12.3	3.70	2.87	2.11	11.2	30.1	3.15B	12
13	7.00 B	0.700B	1.70 B	10.0 B	58.5	8.87	3.20	3.27	1.84	8.82	24.2	2.62B	13
14	8.50 B	1.00 B	1.80 B	8.00B	41.3	8.20	2.18	18.8	1.82	8.06	11.8	2.50B	14
15	4.50 B	1.40 B	2.00 B	7.50B	31.2	4.80	2.11	15.3	2.86	8.77	10.1	2.30B	15
16	8.20 B	1.30 B	2.80 B	7.00B	38.4	3.70	2.21	8.17	4.08	8.78	78.8	4.88B	16
17	6.50 B	1.20 B	2.50 B	7.50B	36.5	3.37	1.71	15.1	2.87	38.4	70.5	4.40B	17
18	5.30 B	1.10 B	2.25 B	8.00B	45.0	3.08	1.42	9.30	5.48	17.8	36.3	3.60B	18
19	4.50 B	1.03 B	2.00 B	12.0 B	37.4	2.70	1.22	5.22	3.05	8.34	31.4	3.15B	19
20	3.50 B	0.980B	1.82 B	30.8	29.9	2.54	1.10	3.28	2.80	5.98	18.9	2.70B	20
21	2.80 B	1.50 B	1.68 B	17.6	27.5	2.33	0.940	2.85	14.0	4.84	31.4	2.42B	21
22	2.40 B	2.70 B	1.52 B	12.8	26.3	2.17	0.808	3.36	8.24	34.3	40.5	2.22B	22
23	2.00 B	16.0 B	1.34 B	11.8	28.6	1.91	0.712	3.80	5.88	18.5	17.1	4.05B	23
24	1.80 B	12.3 B	1.24 B	8.10	26.8	1.78	0.628	14.2	4.52	10.5	8.97	3.50B	24
25	1.55 B	10.5 B	1.16 B	6.87	25.8	1.88	0.540E	10.4	3.88	7.46	6.00B	2.89B	25
26	1.40 B	8.80 B	1.07 B	6.23	45.0	1.53	0.488E	15.7	4.60	5.48	4.20B	4.00B	26
27	1.70 B	7.30 B	1.02 B	10.8	27.7	1.81	0.400E	12.5	40.4	4.11	3.40B	5.40B	27
28	2.20 B	6.18 B	0.950B	13.1	24.3	1.48	0.350A	7.88	18.5	3.41	2.70B	4.70B	28
29	2.00 B		2.00 B	20.1	22.8	2.85	0.573A	4.83	12.1	2.88	7.10B	3.85B	29
30	1.80 B		5.50 B	24.5	18.8	1.88	0.631A	4.20	23.7	2.75	5.60B	3.40B	30
31	1.85 B		4.80 B		18.8		0.670E	85.9		2.84		2.85B	31
TOTAL	85.720	85.070	73.880	426.00	1 378.8	215.44	38.138	380.770	328.80	532.91	681.06	109.24	TOTAL
MEAN	3.09	3.04	2.38	14.3	44.5	7.18	1.17	11.8	11.0	17.2	22.7	3.52	MEAN
MAX	8.20	16.0	5.50	80.0	104	31.7	3.70	85.9	56.5	56.0	78.8	5.80	MAX
MIN	0.930	0.700	0.950	3.80	18.8	1.48	0.380	0.450	1.82	2.84	2.56	2.22	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.8
MAXIMUM DAILY, 104 ON MAY 8
MINIMUM DAILY, 0.350A ON JUL 28
MAXIMUM INSTANTANEOUS,
207 AT 00:14 NST ON OCT 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 50 N
LONG 55 00 33 W
DRAINAGE AREA, 205 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 270	JUL	3 120
FEB	7 380	AUG	31 200
MAR	6 380	SEP	28 400
APR	37 000	OCT	46 000
MAY	118 000	NOV	58 800
JUN	18 800	DEC	9 440

TOTAL DISCHARGE, 374 000 dam³

JUNCTION BROOK NEAR BADGER - STATION NO. 02YG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.380B	0.283B	0.587B	0.780B	2.56	2.26	0.226	0.082	0.041	0.702	0.438	0.820B	1
2	0.358B	0.264B	0.520B	1.10 B	2.84	2.03	0.238	0.083	0.041	0.601	0.426	0.510B	2
3	0.338B	0.275B	0.465B	1.50 B	3.22	1.88	0.203	0.048	0.045	0.530	0.478	0.380B	3
4	0.315B	0.267B	0.450B	2.20 B	3.80 E	1.80	0.181	0.037E	0.043	0.480	0.788	0.500B	4
5	0.300B	0.260B	0.430B	3.00 B	4.22 E	1.63	0.178	0.039E	0.040	0.435	0.833	0.800B	5
6	0.287B	0.260B	0.400B	4.50 B	4.27 E	1.58	0.174	0.077	0.038	0.401	0.726	0.550B	6
7	0.280B	0.244B	0.375B	8.50 B	3.84	1.40	0.168	0.110	0.033	0.388	0.888	0.470B	7
8	0.380B	0.238B	0.358B	8.40 B	3.28	1.17	0.185	0.228	0.030	0.457	0.838	0.370B	8
9	0.460B	0.231B	0.337B	8.10 B	2.86	0.988	0.173	0.418	0.028	0.583	0.848	0.320B	9
10	0.820B	0.228B	0.320B	7.00 E	2.57	0.838	0.188	0.382	0.026	1.89	0.881	0.270B	10
11	0.780B	0.220B	0.302B	6.00 E	3.28	0.824	0.177	0.333	0.027	2.51 E	0.675	0.220B	11
12	0.682B	0.215B	0.280B	5.00 A	3.12	0.788	0.167	0.280	0.036	2.35	0.577	0.185B	12
13	0.600B	0.210B	0.278B	4.53 E	2.00	0.768	0.217	0.314	0.053	2.04	0.685	0.157B	13
14	0.580B	0.204B	0.268B	4.07 E	1.60	0.747	0.218	0.416	0.077	1.70	0.843	0.138B	14
15	0.600B	0.189B	0.260B	3.84 E	1.71	0.718	0.228	0.671A	0.081	1.60	0.858	0.280B	15
16	0.910B	0.188B	0.262B	3.74 E	1.57	0.814	0.310	0.350E	0.084	1.28	0.818	0.225B	16
17	0.720B	0.182B	0.640B	3.71	1.43	0.816	0.327	0.217A	0.083	1.82	0.861	0.200B	17
18	0.780B	0.188B	0.480B	3.68	1.23	0.580	0.268	0.153	0.100	2.25	0.807	0.182B	18
19	0.880B	0.186B	0.400B	3.68	1.08	0.802	0.304	0.122	0.088	2.04	0.858	0.400B	19
20	0.850B	0.183B	0.380B	3.80	0.942	0.884	0.247	0.083	0.076	1.88	0.835	0.320B	20
21	0.800B	0.180B	0.325B	3.80	0.377	0.835	0.183	0.078	0.068	1.32	0.823	0.270B	21
22	0.475B	0.250B	0.305B	3.41	0.751	0.843	0.202	0.071	0.058	1.20	1.32	0.220B	22
23	0.445B	0.350B	0.285B	3.33	0.884	0.850	0.186	0.068	0.048	1.17	3.30	0.200B	23
24	0.420B	0.800B	0.268B	3.55	0.824	0.818	0.188	0.067	0.048	1.10	1.80 B	0.170B	24
25	0.385B	0.920B	0.252B	3.52	0.805	0.804	0.180	0.068	0.045	1.01	1.12 B	0.180B	25
26	0.375B	0.820B	0.240B	3.38	0.878	0.481	0.180	0.068	0.045	0.902	0.800B	0.135B	26
27	0.360B	0.740B	0.228B	3.23	0.845	0.383	0.137	0.068	0.251	0.818	0.820B	0.240B	27
28	0.345B	0.680B	0.220B	2.87	1.78	0.348	0.070	0.070	0.752	0.725	0.520B	0.210B	28
29	0.325B		0.280B	2.77	2.58	0.389	0.073	0.051	0.818	0.823	1.03 B	0.180B	29
30	0.315B		0.400B	2.58	2.41	0.288	0.063	0.044	0.830	0.548	0.800B	0.155B	30
31	0.305B		0.530B		2.31		0.078	0.040		0.451		0.130B	31
TOTAL	15.007	8.078	11.042	118.170	83.587	27.600	5.828	5.368	4.135	35.342	23.980	8.137	TOTAL
MEAN	0.484	0.324	0.356	3.84	2.05	0.813	0.181	0.173	0.138	1.14	0.799	0.285	MEAN
MAX	0.910	0.820	0.587	8.40	4.27	2.26	0.337	0.671	0.818	2.51	2.20	0.800	MAX
MIN	0.280	0.180	0.220	0.780	0.377	0.288	0.070	0.028	0.028	0.395	0.426	0.130	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.688
MAXIMUM DAILY, 8.40B ON APR 8
MINIMUM DAILY, 0.028 ON SEP 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 23 N
LONG 55 01 31 W
DRAINAGE AREA, 81.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 300	JUL	512
FEB	784	AUG	484
MAR	954	SEP	367
APR	10 200	OCT	3 050
MAY	5 490	NOV	2 070
JUN	2 370	DEC	789

TOTAL DISCHARGE, 28 300 dam³

REMARKS - THE E ABOVE 3.72 BELOW .040 (APR 8-AUG 15) ABOVE 2.42 (AUG 16-DEC 31) DUE TO CURVE EXTENSION

KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE - STATION NO. 03NG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.2B	26.9B	20.6B	17.6B	25.1B	835	178	123	150	200E	176E	117 B	1
2	38.5B	26.5B	20.6B	17.5B	24.8B	900	178	127	164	211E	171E	113 B	2
3	38.0B	26.3B	20.5B	17.4B	24.7B	851	178	136	159	226E	166E	110 B	3
4	37.8B	26.0B	20.4B	17.3B	24.4B	807	181	143	163	238E	162E	105 B	4
5	37.0B	25.6B	20.3B	17.2B	24.1B	756	177	149	166	250E	159E	103 B	5
6	36.5B	25.3B	20.2B	17.1B	24.0B	713	176	151	168	265E	153E	100 B	6
7	36.0B	25.3B	20.0B	17.0B	23.8B	684	171	152	173	280E	150E	97.0B	7
8	35.5B	25.0B	19.8B	17.0B	23.5B	625	165	153	174E	293E	147E	95.0B	8
9	35.0B	24.8B	19.6B	16.9B	23.0B	588	160	153	172E	305E	143E	92.0B	9
10	34.6B	24.6B	19.7B	16.8B	43.0B	551	155	151	169E	315E	140E	89.0B	10
11	34.0B	24.3B	19.5B	16.8B	80.0B	515	146	145	165E	320E	138E	86.0B	11
12	33.6B	24.0B	19.3B	16.7B	83.0B	478	142	142	161E	313E	136E	84.0B	12
13	33.3B	23.8B	19.2B	16.6B	115 B	442	135	137	158E	303E	132E	81.0B	13
14	33.0B	23.5B	19.1B	16.5B	250 B	413	132	133	163E	295E	128E	78.0B	14
15	32.6B	23.2B	19.0B	16.4B	400 B	389	129	130	148E	288E	126E	77.0B	15
16	32.2B	23.1B	18.8B	16.3B	470 B	381	124	125	148E	280E	123E	75.0B	16
17	32.0B	23.0B	18.6B	16.2B	510 B	337	121	121	142E	270E	126E	73.5B	17
18	31.5B	22.8B	18.5B	16.1B	516	315	116	118	139E	260E	135E	71.0B	18
19	31.2B	22.5B	18.3B	16.0B	536	284	112	115	136E	253E	140	70.0B	19
20	30.6B	22.3B	18.6B	16.6B	557	278	112	113	132E	249E	148	68.0B	20
21	30.4B	22.1B	18.5B	17.5B	595	263	112	108	131E	240E	152	66.0B	21
22	30.0B	22.0B	18.4B	18.6B	656	251	112	105	129E	233E	151	64.0B	22
23	29.6B	21.8B	18.3B	20.0B	722	238	113	104	132E	227E	151	62.5B	23
24	29.5B	21.6B	18.3B	21.5B	780	229	114	101	138E	220E	145B	61.0B	24
25	29.0B	21.6B	18.2B	23.0B	782	218	115	101	144E	215E	140B	59.5B	25
26	28.7B	21.4B	18.0B	24.5B	800	206	117	110	151E	208E	137B	58.0B	26
27	28.6B	21.3B	18.0B	26.0B	825	194	114	118	158E	202E	132B	56.0B	27
28	28.2B	21.2B	17.8B	25.8B	859	186	113	120	168E	197E	129B	54.5B	28
29	28.0B		17.6B	25.7B	887	180	113	122	175E	190E	124B	53.5B	29
30	27.5B		17.5B	25.5B	934	160	116	125	183E	186E	120B	52.0B	30
31	27.2B		17.6B		944		120	136		182E		50.5B	31
TOTAL	1 006.7	692.4	591.0	594.2	12 543.6	13 381	4 252	3 868	4 638	7 715	4 282	2 423.0	TOTAL
MEAN	32.5	23.7	19.1	19.8	405	446	137	128	155	248	143	78.2	MEAN
MAX	39.2	26.9	20.6	26.0	944	835	181	153	183	320	176	117	MAX
MIN	27.2	21.2	17.6	16.0	23.0	180	112	101	129	182	120	50.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 183
MAXIMUM DAILY, 944 ON MAY 31
MINIMUM DAILY, 16.0B ON APR 19
MAXIMUM INSTANTANEOUS,
953 AT 17:35 AST ON MAY 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 37 25 N
LONG 60 58 36 W
DRAINAGE AREA, 6 930 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	87 200	JUL	367 000
FEB	67 200	AUG	343 000
MAR	51 100	SEP	401 000
APR	48 700	OCT	667 000
MAY	1 080 000	NOV	370 000
JUN	1 150 000	DEC	209 000

TOTAL DISCHARGE, 4 830 000 dam³

LEARY BROOK AT PRINCE PHILIP DRIVE - STATION NO. 02ZM020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.478	0.472	0.784	0.858	0.643	0.156	0.213	0.184	0.208	0.288	0.213	0.990	1
2	0.440	0.488	0.634	4.36	0.630	0.587	0.180	0.166	0.187	0.217	0.261	0.800	2
3	0.414	0.368	0.527	2.43	0.881	0.884	0.161	0.158	0.183	0.193	0.240	0.513	3
4	0.470	0.320	0.474	1.80	0.900	0.448	0.152	0.133	0.131	0.348	0.435	0.29	4
5	1.10	0.304	0.441	1.68	0.732	0.282	0.150	0.137	0.108	0.428	0.313	3.82	5
6	1.13	0.271	0.424	2.54	0.587	0.241	0.177	0.138	0.111	0.384	0.241	1.81	6
7	0.782	0.2428	0.380	4.44	0.488	0.218	0.233	0.345	0.108	0.274	0.251	1.27	7
8	0.580	0.2178	0.351	3.41	0.441	0.190	0.269	0.222	0.085	0.602	0.244	1.20	8
9	3.88	0.2028	0.341	2.84	0.425	0.173	0.260	0.228	0.082	0.638	0.221	0.887	9
10	2.65	0.1888	0.286	1.83	0.432	0.152	0.363	0.172	0.084	1.13	0.288	0.748	10
11	1.37	0.1788	0.303	1.41	0.384	0.150	0.882	0.157	0.085	0.482	0.431	0.885	11
12	0.937	0.1648	0.268	1.33	0.327	0.387	0.635	0.136	0.104	1.08	0.488	0.615	12
13	1.74	0.1618	0.277	1.07	0.332	0.234	0.462	0.114	0.134	2.27	0.485	0.5788	13
14	1.88	0.1528	0.268	0.913	0.281	0.195	0.288	0.133	0.088	0.862	0.328	0.5558	14
15	1.03	0.1928	0.348	0.870	0.280	0.176	1.29	0.140	0.841	0.638	0.288	0.5348	15
16	2.78	0.1758	3.04	0.883	0.334	0.154	0.502	0.110	1.17	0.638	0.380	0.5108	16
17	1.73	0.1648	2.84	0.774	0.280	0.133	0.300	0.105	0.382	0.544	0.842	0.4888	17
18	1.04	0.1558	1.26	0.708	0.249	0.140	0.377	0.098	0.838	0.488	1.33	0.516	18
19	0.7408	0.1488	0.874	0.740	0.212	0.174	0.288	0.093	0.387	0.388	0.550	0.524	19
20	0.6408	0.1418	0.858	0.898	0.184	0.780	0.262	0.082	0.272	0.388	0.423	0.519	20
21	0.5438	0.1328	0.825	0.830	0.187	0.554	0.211	0.538	0.250	0.342	1.87	0.478	21
22	0.4808	1.50 B	0.877	0.788	0.181	0.340	0.283	0.413	0.214	0.421	2.33	0.406	22
23	0.4178	7.11	0.723	3.80	0.213	0.282	0.247	0.228	0.181	0.384	0.889	0.3768	23
24	0.3858	3.82	0.881	1.75	0.219	0.237	0.188	0.208	0.172	0.343	1.88	0.3608	24
25	0.3308	1.96	0.803	1.18	0.189	0.231	0.189	0.267	0.151	0.310	1.18	0.3238	25
26	0.3068	1.45	0.484	0.857	0.191	1.42	0.174	0.250	0.137	0.288	0.808	0.3188	26
27	0.3878	1.08	0.465	0.813	0.168	0.818	0.188	0.188	0.810	0.272	0.870	1.41	27
28	0.3568	0.893	0.477	0.778	0.178	0.418	0.167	0.184	0.328	0.288	0.808	0.851	28
29	0.3218		0.711	0.755	0.218	0.287	0.306	0.142	0.224	0.244	1.57	0.588	29
30	0.2858		0.784	0.702	0.178	0.248	0.858	0.118	0.381	0.233	1.13	0.426	30
31	0.3608		0.836		0.188		0.313	0.278		0.220		0.3768	31
TOTAL	28.780	22.832	21.782	47.428	10.878	10.388	10.063	5.826	7.782	15.382	20.974	28.432	TOTAL
MEAN	0.928	0.808	0.702	1.58	0.351	0.347	0.325	0.188	0.260	0.496	0.699	0.949	MEAN
MAX	3.88	7.11	3.04	4.44	0.900	1.42	1.29	0.535	1.17	2.27	2.33	3.82	MAX
MIN	0.288	0.132	0.288	0.830	0.156	0.133	0.157	0.082	0.084	0.193	0.213	0.316	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.834
MAXIMUM DAILY, 7.11 ON FEB 23
MINIMUM DAILY, 0.082 ON AUG 20
MAXIMUM INSTANTANEOUS,
14.3 AT 15:08 NST ON DEC 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 48 N
LONG 52 46 00 W
DRAINAGE AREA, 17.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 490	JUL	869
FEB	1 860	AUG	804
MAR	1 860	SEP	873
APR	4 100	OCT	1 330
MAY	840	NOV	1 810
JUN	898	DEC	2 840

TOTAL DISCHARGE, 20 000 dam³

LEARY BROOK AT ST. JOHN'S - STATION NO. 02ZM017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3708	0.374	0.5808	0.824	0.588	0.087	0.142	0.106	0.088	0.168	0.208	0.858	1
2	0.3408	0.372	0.4928	3.20	0.575	0.374	0.128	0.078	0.078	0.120	0.244	0.582	2
3	0.3188	0.282	0.4288	1.88	0.800	0.526	0.118	0.061	0.071	0.100	0.228	0.478	3
4	0.400	0.2428	0.3728	1.12	0.787	0.358	0.101	0.054	0.058	0.171	0.458	4.80	4
5	0.825	0.2168	0.3408	1.21	0.822	0.193	0.084	0.052	0.055	0.236	0.324	2.71	5
6	0.850	0.1848	0.3008	1.81	0.508	0.148	0.091	0.052	0.053	0.181	0.232	1.32	6
7	0.851	0.1818	0.2758	3.43	0.430	0.122	0.115	0.171	0.047	0.125	0.242	0.888	7
8	0.519	0.1678	0.2548	2.71	0.401	0.088	0.185	0.124	0.044	0.274	0.234	0.834	8
9	2.09	0.1838	0.2308	2.31	0.341	0.068	0.186	0.128	0.044	0.338	0.204	0.681	9
10	1.88	0.1428	0.2158	1.48	0.357	0.079	0.220	0.085	0.042	0.777	0.289	0.580	10
11	1.04	0.1348	0.1878	1.22	0.320	0.070	0.484	0.083	0.040	0.201	0.411	0.486	11
12	0.727	0.1278	0.1848	1.07	0.278	0.188	0.500	0.084	0.047	0.830	0.488	0.458	12
13	1.27	0.1188	0.1728	0.907	0.288	0.142	0.354	0.081	0.057	1.40	0.501	0.4288	13
14	1.26	0.1158	0.1628	0.804	0.242	0.111	0.194	0.080	0.048	0.487	0.338	0.3878	14
15	0.783	0.1488	0.258	0.751	0.248	0.081	0.887	0.084	0.308	0.305	0.288	0.377	15
16	2.08	0.1338	2.28	0.728	0.275	0.072	0.388	0.068	0.888	0.285	0.371	0.387	16
17	1.31	0.1238	1.88	0.888	0.208	0.060	0.202	0.043	0.284	0.328	0.705	0.338	17
18	0.780	0.1188	0.898	0.622	0.170	0.061	0.351	0.039	0.478	0.288	1.31	0.380	18
19	0.5808	0.1098	0.672	0.641	0.144	0.087	0.205	0.038	0.238	0.271	0.581	0.488	19
20	0.4568	0.1038	0.583	0.608	0.128	0.517	0.187	0.031	0.149	0.268	0.440	0.373	20
21	0.3718	0.0888	0.557	0.584	0.116	0.426	0.127	0.261	0.137	0.253	1.38	0.333	21
22	0.3208	0.7008	0.727	0.824	0.116	0.228	0.172	0.305	0.114	0.307	1.87	0.302	22
23	0.2748	5.28	0.578	2.86	0.124	0.188	0.158	0.133	0.088	0.290	0.818	0.287	23
24	0.2478	2.77	0.480	1.33	0.134	0.148	0.125	0.121	0.084	0.254	1.84	0.231	24
25	0.2308	1.32	0.432	0.952	0.109	0.120	0.104	0.183	0.080	0.240	1.08	0.220	25
26	0.2188	1.02	0.441	0.808	0.103	1.03	0.080	0.148	0.088	0.233	0.753	0.203	26
27	0.2828	0.820	0.382	0.698	0.103	0.851	0.085	0.096	0.368	0.233	0.632	0.970	27
28	0.2548	0.693	0.446	0.671	0.100	0.305	0.077	0.087	0.218	0.228	0.570	0.827	28
29	0.2208		0.552	0.638	0.132	0.209	0.144	0.088	0.134	0.234	1.31	0.407	29
30	0.2038		0.8008	0.594	0.102	0.188	0.481	0.081	0.217	0.222	1.03	0.2858	30
31	0.2828		0.448		0.093		0.188	0.125		0.211		0.2358	31
TOTAL	21.831	15.269	18.882	37.424	8.743	5.882	6.753	2.898	4.711	9.842	19.088	21.898	TOTAL
MEAN	0.695	0.881	0.537	1.25	0.282	0.230	0.218	0.087	0.157	0.311	0.638	0.889	MEAN
MAX	2.08	5.28	2.28	3.43	0.787	1.03	0.887	0.305	0.888	1.40	1.87	4.80	MAX
MIN	0.202	0.088	0.182	0.584	0.083	0.080	0.077	0.031	0.040	0.100	0.204	0.203	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.472
MAXIMUM DAILY, 5.28 ON FEB 23
MINIMUM DAILY, 0.031 ON AUG 20
MAXIMUM INSTANTANEOUS,
10.1 AT 15:51 NST ON DEC 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 43 N
LONG 52 45 47 W
DRAINAGE AREA, 15.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 850	JUL	583
FEB	1 410	AUG	269
MAR	1 440	SEP	407
APR	3 230	OCT	833
MAY	755	NOV	1 650
JUN	595	DEC	1 870

TOTAL DISCHARGE, 14 900 dam³

LEECH BROOK NEAR GRAND FALLS - STATION NO. 02YC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4108	0.2358	1.42 B	0.8808	4.84	1.44	0.115	0.062	1.44	1.77	0.895	1.05 B	1
2	0.3808	0.2148	1.30 B	1.32 B	5.87	1.28	0.088	0.058	1.50	1.48	0.883	0.6208	2
3	0.3708	0.1988	1.18 B	1.80 B	5.62	1.35	0.082	0.050	1.42	1.35	0.869	0.6408	3
4	0.3508	0.1858	1.04 B	2.80 B	7.71	1.18	0.088	0.038	1.11	1.47	1.23	0.5208	4
5	0.3408	0.1768	0.9208	4.20 B	5.16	1.07	0.148	0.038	0.782	1.88	1.73	1.14 B	5
6	0.3208	0.1688	0.8208	5.70 B	3.58	1.12	0.184	0.172	0.631	1.57	1.36	0.9008	6
7	0.3108	0.1608	0.7408	11.0 B	2.94	0.908	0.134	0.222	0.487	1.38	1.17	0.7008	7
8	0.3008	0.1528	0.6808	18.1 B	2.95	0.718	0.128	1.13	0.401	1.87	1.11	0.5808	8
9	0.4808	0.1448	0.6308	14.7 B	2.77	0.551	0.317	3.91	0.328	2.07	1.02	0.4408	9
10	0.7208	0.1428	0.5608	11.6 E	2.38	0.405	0.528	2.57	0.284	8.75	1.08	0.3408	10
11	1.08 B	0.1388	0.4808	7.88	1.85	0.318	0.530	1.34	0.310	8.28	1.43	0.2708	11
12	1.48 B	0.1348	0.4308	6.84	1.64	0.315	0.638	0.805	0.812	3.30	1.54	0.2608	12
13	1.32 B	0.1328	0.3808	6.87	1.42	0.488	0.500	0.588	2.08	2.42	1.54	0.2258	13
14	1.18 B	0.1288	0.3408	5.78	1.34	0.588	0.458	1.23	1.88	2.18	1.12	0.2108	14
15	1.00 B	0.1268	0.3148	8.47	1.08	0.812	0.812	3.91	1.40	1.82	1.09	0.5008	15
16	1.22 B	0.1228	0.5208	7.00	0.857	0.503	1.80	2.45	1.81	1.68	1.24	0.3808	16
17	1.10 B	0.1188	0.8708	8.59	0.980	0.360	1.28	1.85	1.71	3.85	1.87	0.2908	17
18	0.8508	0.1178	0.8208	7.10	0.858	0.338	0.770	1.27	1.28	5.33	2.78	0.2808	18
19	0.8508	0.1158	0.7208	7.44	0.728	0.311	0.524	0.884	0.844	3.02	2.35	0.7008	19
20	0.7508	0.1128	0.6208	7.14	0.870	0.276	0.382	0.723	0.728	2.02	1.73	0.5808	20
21	0.6908	0.1588	0.5408	5.15	0.441	0.238	0.278	0.558	0.588	1.54	1.57	0.4208	21
22	0.8108	0.2608	0.4708	3.78	0.384	0.208	0.235	0.498	0.480	1.42	3.80	0.3308	22
23	0.5508	0.4408	0.4208	5.00	0.337	0.184	0.190	0.718	0.421	1.89	4.81	0.2808	23
24	0.5108	0.8508	0.3708	6.22	0.308	0.164	0.158	0.935	0.377	1.57	2.77	0.2488	24
25	0.4808	2.00 B	0.3308	5.22	0.283	0.128	0.134	1.12	0.348	1.53	2.00 B	0.2208	25
26	0.4208	1.80 B	0.2808	5.39	0.733	0.118	0.120	1.08	0.322	1.30	1.40 B	0.2108	26
27	0.3758	1.70 B	0.2608	4.41	1.85	0.148	0.104	0.873	5.48	1.10	1.10 B	0.4608	27
28	0.3458	1.54 B	0.2308	3.80	3.84	0.148	0.088	0.682	7.98	0.980	0.7808	0.3508	28
29	0.3108		0.3208	3.34	4.55	0.151	0.078	0.557	3.44	0.902	1.72 B	0.2858	29
30	0.2808		0.4308	3.84	3.92	0.138	0.088	0.434	2.30	0.788	1.40 B	0.2308	30
31	0.2608		0.5808		2.24		0.102	0.578		0.764		0.2008	31
TOTAL	18.730	11.884	18.814	188.180	77.568	15.880	10.710	30.838	44.245	89.705	48.887	13.995	TOTAL
MEAN	0.638	0.424	0.810	6.27	2.50	0.523	0.345	0.995	1.47	2.25	1.62	0.451	MEAN
MAX	1.48	2.00	1.42	18.1	8.55	1.44	1.80	3.91	7.98	8.75	4.81	1.14	MAX
MIN	0.260	0.112	0.230	0.880	0.283	0.118	0.068	0.038	0.284	0.764	0.888	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.51
MAXIMUM DAILY, 18.18 ON APR 6
MINIMUM DAILY, 0.038 ON AUG 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 56 42 N
LONG 55 48 42 W
DRAINAGE AREA, 88.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

REMARKS - THE E FOR DISCHARGE ABOVE 10.0 IS DUE TO CURVE EXTENSION

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 700	JUL	925
FEB	1 030	AUG	2 650
MAR	1 630	SEP	3 820
APR	18 300	OCT	8 030
MAY	5 700	NOV	4 210
JUN	1 380	DEC	1 210

TOTAL DISCHARGE, 47 800 dam³

LEWASEECHJEECH BROOK AT LITTLE GRAND LAKE - STATION NO. 02YK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.138	3.808	14.1	6.53	27.7	15.7	5.36	3.51	18.1	36.4	11.1	14.3	1
2	5.038	3.498	13.1	6.66	28.6	14.3	5.18	3.53	18.0	31.8	10.4	13.0	2
3	4.878	3.408	12.1	7.12	58.0	13.1	4.82	3.46	18.0	27.3	9.85	12.0	3
4	4.858	3.308	11.0	7.28	81.4	11.8	4.48	3.33	18.0	24.3	11.0	12.1	4
5	4.808	3.208	9.83	7.56	77.1	11.0	4.41	4.40	18.3	23.8	15.0	11.1	5
6	4.758	3.128	8.14	8.32	68.0	10.3	4.23	15.1	14.8	21.3	18.2	10.4	6
7	4.858	3.058	6.23	12.4	63.8	9.88	4.04	28.4	12.8	18.4	15.7	10.1	7
8	4.688	2.988	7.68	24.8	66.8	9.14	3.82	40.0	11.4	16.5	15.2	9.71	8
9	5.17	2.908	7.03	40.9	73.8	8.51	3.66	45.3	10.2	15.8	14.9	9.15	9
10	5.84	2.838	6.83	47.4	88.5	7.80	3.85	38.7	9.05	41.2	14.8	8.74	10
11	6.18	2.788	6.05	43.1	84.4	7.17	3.57	31.3	8.41	57.9	16.8	8.32	11
12	5.81	2.708	5.61	36.5	80.2	6.86	3.41	24.3	8.78	50.3	21.2	7.73	12
13	7.23	2.648	5.18	32.0	58.1	6.47	3.27	20.0	8.88	41.4	24.4	7.51	13
14	7.008	2.808	4.96	26.8	51.8	6.86	3.47	30.8	9.49	35.3	25.0	7.26	14
15	6.808	2.538	4.80	26.8	44.4	6.74	3.87	88.2	7.88	30.8	22.8	7.01	15
16	6.358	2.808	4.77	36.7	38.3	6.53	3.84	82.1	7.71	27.3	32.8	6.84	16
17	6.008	2.458	5.71	27.8	34.5	6.29	3.66	47.7	7.56	35.6	66.8	6.62	17
18	5.808	2.408	8.64	28.8	31.4	5.95	3.55	36.1	7.28	50.8	63.9	6.70	18
19	5.558	2.388	7.78	31.5	28.0	5.58	3.31	28.4	6.80	44.7	72.8	6.62	19
20	5.308	2.338	8.28	34.7	25.7	5.28	3.05	22.7	6.47	36.3	57.7	6.37	20
21	5.008	2.308	8.44	34.0	23.1	5.08	2.88	18.0	6.26	28.6	45.7	5.99	21
22	4.808	4.04	8.51	30.1	20.7	4.88	3.20	15.7	6.13	28.4	39.2	5.78	22
23	4.808	6.26	8.03	27.4	18.4	4.68	4.05	30.6	6.07	30.8	36.4	5.55	23
24	4.808	9.89	7.72	25.8	16.5	4.60	4.17	35.4	5.83	28.8	32.0	5.48	24
25	4.458	12.9	7.27	23.1	15.8	4.35	4.44	38.7	5.85	25.6	27.8	5.258	25
26	4.388	15.0	6.71	21.1	15.5	4.13	4.28	37.4	8.03	21.7	24.7	5.108	26
27	4.208	15.6	6.38	21.0	23.0	3.97	4.11	32.7	17.5	16.6	21.8	5.008	27
28	4.058	15.1	6.04	21.5	22.6	4.06	3.88	28.6	34.0	15.1	18.5	4.858	28
29	3.858		5.88	21.5	20.8	4.41	3.80	25.0	35.0	14.3	17.4	4.708	29
30	3.838		8.06	23.1	19.0	4.83	3.63	21.3	38.0	12.9	15.8	4.808	30
31	3.728		6.38		17.3		3.64	18.6		11.6		4.408	31
TOTAL	160.04	137.87	236.01	733.90	1 282.6	219.89	120.48	866.71	382.78	911.7	840.25	238.64	TOTAL
MEAN	5.16	4.93	7.61	24.5	41.4	7.33	3.88	28.0	12.8	29.4	28.0	7.69	MEAN
MAX	7.23	15.6	14.1	47.4	81.4	15.7	5.26	88.2	36.0	57.9	63.9	14.3	MAX
MIN	3.72	2.30	4.77	6.53	15.5	3.97	2.88	3.33	5.83	11.6	9.85	4.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 83.9 ON NOV 18
MINIMUM DAILY, 2.308 ON FEB 21
MAXIMUM INSTANTANEOUS,
85.6 AT 14:34 NST ON NOV 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 37 20 N
LONG 57 56 00 W
DRAINAGE AREA, 470 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	10 400
FEB	11 900	AUG	74 800
MAR	20 400	SEP	33 100
APR	63 400	OCT	78 600
MAY	111 000	NOV	72 600
JUN	19 000	DEC	20 600

TOTAL DISCHARGE, 530 000 dam³

LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S - STATION NO. 022A001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.108	1.838	5.938	5.808	20.6	5.08	1.57	1.38	7.18	23.8	4.83	8.808	1
2	3.028	1.848	5.108	14.0 E	29.8	4.78	1.58	1.27	6.83	17.2	4.70	7.808	2
3	2.988	1.758	4.808	9.508	44.8	4.84	1.48	1.21	7.78	12.8	4.75	7.408	3
4	2.848	1.678	4.108	7.208	88.5	4.23	1.34	1.14	8.66	11.5	8.04	7.008	4
5	2.828	1.588	3.858	8.87	41.2	4.03	1.47	2.60	5.78	10.0	13.8	6.558	5
6	2.768	1.528	3.358	15.7	32.8	3.76	1.54	21.8	4.87	8.84	12.1	6.108	6
7	2.708	1.488	3.008	42.1	31.0	3.38	1.45	18.8	4.20	8.24	10.2	5.828	7
8	2.858	1.408	2.768	61.3	35.7	3.07	1.48	20.4	3.88	8.83	9.23	5.558	8
9	3.008	1.358	2.508	47.4	36.8	2.80	1.52	22.1	3.23	11.8	7.82	5.258	9
10	3.608	1.308	2.358	36.1	33.4	2.67	1.48	16.5	2.86	87.3	8.47	5.008	10
11	3.508	1.288	2.158	29.3	29.1	2.43	1.44	10.1	2.66	53.8	10.8	4.808	11
12	3.308	1.228	2.008	26.8	26.6	2.34	1.40	7.12	2.65	33.2	12.0	4.588	12
13	3.758	1.178	1.858	18.1	26.5	2.20	1.38	5.61	2.64	23.5	15.4	4.388	13
14	4.308	1.158	1.788	15.8	22.7	2.12	1.37	31.2	2.40	18.7	14.0	4.158	14
15	5.208	1.858	1.658	14.8	19.4	2.00	1.38	51.1	2.32	20.0	11.8	4.008	15
16	5.918	1.558	3.008	16.1	18.0	1.85	1.28	33.1	2.30	18.8	29.8	3.858	16
17	5.208	1.458	5.808	17.6	16.3	1.76	1.27	20.8	2.22	35.2	67.7	3.758	17
18	4.808	1.388	8.508	16.6	13.2	1.76	1.21	14.1	2.23	34.3	46.6	3.558	18
19	4.408	1.328	7.208	22.0	11.1	1.68	1.15	10.2	2.11	23.3	36.6	3.408	19
20	4.108	1.268	6.008	23.6	8.42	1.60	1.18	7.48	2.00	16.1	26.1	3.308	20
21	3.788	1.188	5.008	19.9	8.00	1.54	1.11	6.06	8.21	12.0	18.8	3.218	21
22	3.558	2.008	4.218	15.9	8.84	1.54	1.80	8.17	8.74	18.0	23.4	3.078	22
23	3.308	25.0 E	3.808	15.0	8.02	1.54	1.81	18.0	8.21	18.7	23.8	2.878	23
24	3.108	19.0 E	3.108	13.9	8.58	1.48	1.86	18.1	8.01	16.6	18.4	2.638	24
25	2.888	15.0 E	2.708	11.7	8.57	1.43	1.83	22.2	8.36	13.0	14.7	2.808	25
26	2.718	12.0 E	2.408	11.8	7.48	1.38	1.45	18.2	8.44	10.2	12.1	4.008	26
27	2.648	8.508	2.108	13.2	7.88	1.43	1.34	29.8	21.4	8.24	10.1	3.678	27
28	2.408	8.008	1.858	14.4	7.44	1.43	1.28	23.6	32.7	7.12	8.208	3.758	28
29	2.278		3.508	14.8	7.18	1.73	1.26	15.9	26.8	6.45	7.508	3.658	29
30	2.158		8.008	18.2	8.54	1.84	1.26	10.9	28.6	5.72	8.408	3.658	30
31	2.028		7.208		8.82		1.57	8.34		5.14		3.408	31
TOTAL	104.80	120.81	121.68	576.57	527.37	73.34	44.18	474.61	220.14	571.02	503.14	141.87	TOTAL
MEAN	3.37	4.32	3.93	19.3	20.2	2.44	1.43	15.3	7.34	18.4	16.8	4.58	MEAN
MAX	5.91	25.0	8.00	61.3	86.5	5.08	1.91	51.1	32.7	87.3	87.7	8.80	MAX
MIN	2.02	1.18	1.85	5.80	8.57	1.38	1.11	1.14	2.00	5.14	4.70	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.81
MAXIMUM DAILY, 87.7 ON NOV 17
MINIMUM DAILY, 1.11 ON JUL 21
MAXIMUM INSTANTANEOUS,
87.4 AT 23:21 NST ON OCT 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 44 N
LONG 58 23 55 W
DRAINAGE AREA, 343 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 040	JUL	3 820
FEB	10 400	AUG	41 000
MAR	10 500	SEP	19 000
APR	50 000	OCT	48 300
MAY	84 200	NOV	43 500
JUN	8 340	DEC	12 300

TOTAL DISCHARGE, 308 000 dam³

LITTLE BARACHOIS RIVER NEAR PLACENTIA - STATION NO. 022K003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.36 B	0.5588	0.723	2.70	0.838	0.380	0.388	0.248	0.906	1.81	0.378	1.51	1
2	1.12 B	0.4878	0.882	17.8	0.888	0.824	0.328	0.180	0.881	1.22	0.718	1.09	2
3	0.9508	0.4508	0.8588	4.88	0.858	3.00	0.287	0.152	0.634	0.884	0.808	0.840	3
4	0.8588	0.4068	0.778	3.10	1.72	1.80	0.248	0.143	0.416	1.38	4.84	10.7	4
5	5.00 B	0.3788	0.4858	2.07	1.43	1.14	0.228	0.184	0.321	2.18	2.48	5.88	5
6	2.73 B	0.3528	0.4268	3.00	1.11	0.822	0.215	0.181	0.274	1.73	1.41	2.18	6
7	1.80 B	0.3388	0.3808	5.88	0.870	0.638	0.418	1.74	0.248	1.31	1.21	1.85	7
8	1.33	0.3188	0.3578	7.83	0.710	0.484	1.73	1.84	0.234	1.77	1.41	1.17 B	8
9	11.3	0.3028	0.3318	5.03	0.882	0.416	1.88	3.22	0.215	1.80	1.10	0.9828	9
10	8.38	0.2818	0.3188	2.48	0.818	0.388	1.70	3.57	0.214	3.03	0.888	0.7908	10
11	3.84	0.2808	0.2888	1.77	0.881	0.310	1.13	1.88	0.238	1.87	1.38	0.8888	11
12	2.74	0.2688	0.2708	1.41	0.817	0.288	0.884	1.02	0.383	3.88	1.82	0.8188	12
13	3.89	0.2818	0.2638	1.24	0.480	0.288	0.808	0.748	0.241	7.20	1.83	0.8408	13
14	8.84	0.2588	0.2388	1.14	0.488	0.280	0.803	0.883	0.220	2.37	1.40	0.4848	14
15	3.84	0.2858	0.282	1.03	0.428	0.258	0.788	0.878	0.738	1.48	1.08	0.4408	15
16	8.13	0.3208	4.07	0.844	0.441	0.238	0.711	0.815	5.08	1.08	0.887	0.4008	16
17	3.48	0.3628	4.81	0.871	0.421	0.218	0.530	0.488	1.78	0.841	1.22	0.3808	17
16	1.87	0.3108	2.22	0.818	0.378	0.210	0.538	0.488	2.18	0.738	3.18	0.3928	18
18	1.28	0.2428	1.38	1.28	0.330	0.884	0.887	0.380	1.88	0.843	1.68	0.6438	19
20	0.8208	0.2888	1.23	1.37	0.318	3.18	0.850	0.380	1.05	0.882	1.28	0.4858	20
21	0.7888	0.2208	1.31	1.32	0.311	2.18	0.433	0.380	1.82	0.477	1.43	0.4388	21
22	0.8888	5.00 B	1.88 B	1.13	0.280	1.25	0.381	0.388	1.87	0.704	8.78	0.4028	22
23	0.8508	30.2	1.42 B	2.80	0.288	0.818	0.386	0.348	1.18	1.02	2.81	0.3708	23
24	0.8308	12.8	1.08 B	2.34	0.278	0.582	0.318	0.388	0.888	0.820	4.38	0.3388	24
25	0.4888	3.42	0.8808	1.70	0.288	0.448	0.281	0.782	0.867	0.883	2.83	0.3068	25
26	1.00 B	1.70	0.8508	1.33	0.481	0.728	0.284	0.848	0.888	0.881	1.88	0.2818	26
27	0.7808	1.20	0.7808	1.08	0.525	1.25	0.222	0.738	2.14	0.825	1.24	2.08	27
28	0.8108	0.880	0.6788	0.975	0.438	0.838	0.207	0.838	1.88	0.483	1.02 B	7.23	28
29	0.4858		0.8008	0.848	0.448	0.811	0.228	0.420	1.28	0.438	2.88	2.01	29
30	0.4288		1.14 B	0.888	0.383	0.488	0.348	0.345	1.88	0.420	2.84	1.41 B	30
31	0.4858		1.00		0.312		0.305	0.825		0.402		1.00 B	31
TOTAL	78.081	82.280	31.194	83.824	18.274	23.705	18.020	24.085	31.477	43.810	58.283	47.321	TOTAL
MEAN	2.42	2.22	1.01	2.78	0.589	0.780	0.581	0.778	1.05	1.41	1.84	1.53	MEAN
MAX	11.3	30.2	4.81	17.8	1.72	3.18	1.73	3.57	5.08	7.20	8.78	10.7	MAX
MIN	0.426	0.230	0.238	0.818	0.288	0.210	0.207	0.143	0.214	0.402	0.378	0.281	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.42
MAXIMUM DAILY, 30.2 ON FEB 23
MINIMUM DAILY, 0.143 ON AUG 4
MAXIMUM INSTANTANEOUS,
42.5 AT 03:43 NST ON FEB 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 10 53 N
LONG 54 03 27 W
DRAINAGE AREA, 37.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 480	JUL	1 580
FEB	6 380	AUG	2 080
MAR	2 700	SEP	2 720
APR	7 220	OCT	3 780
MAY	1 580	NOV	5 030
JUN	2 050	DEC	4 090

TOTAL DISCHARGE, 44 700 dam³

REMARKS - PUBLISHED UNDER THE NAME "LITTLE BARASWAY RIVER NEAR PLACENTIA" TO 1985.

LITTLE BARASWAY BROOK NEAR MOLLIERS - STATION NO. 022G005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9108	1.00 B	0.8208	0.4108	0.755	0.258	0.088	0.088	0.542	0.833	0.300	1.82 B	1
2	0.7858	0.8808	0.6308	1.28 B	0.884	1.34	0.082	0.054	0.395	0.878	1.24	1.80 B	2
3	0.6808	0.6308	0.5028	2.20 B	0.763	1.83	0.071	0.047	1.18	0.491	0.938	1.78 B	3
4	0.4858	0.8908	0.4278	2.87	1.08	1.18	0.052	0.045	0.839	2.08	1.38	2.37 B	4
5	1.42 B	0.8208	0.3888	3.48	0.788	0.881	0.034	0.048	0.884	1.72	1.21	2.83 B	5
6	2.44 B	0.4858	0.3148	3.83	0.810	0.877	0.038	0.047	0.381	1.24	0.784	2.18 B	6
7	2.12 B	0.4108	0.2858	8.53	0.508	0.578	0.084	0.112	0.348	1.28	1.53	1.77 B	7
8	1.73 B	0.3408	0.2488	5.88	0.378	0.432	0.144	0.224	0.288	2.82	1.88	2.35 B	8
9	2.50 B	0.2908	0.2238	8.30	0.368	0.348	0.121	0.278	0.253	2.83	1.12	3.81 B	9
10	3.83 B	0.2508	0.2088	3.38	0.320	0.284	0.100	0.288	0.232	3.08	1.58	2.88 B	10
11	2.90 B	0.2318	0.1908	2.58	0.284	0.258	0.221	0.183	0.222	1.78	2.07	2.03 B	11
12	3.35 B	0.2008	0.1748	3.08	0.280	0.243	0.880	0.127	0.281	1.83	1.81	1.72 B	12
13	5.00 B	0.1788	0.1588	1.91	0.248	0.217	0.442	0.171	0.268	1.91	1.58	1.38 B	13
14	4.10 B	0.1588	0.1438	1.42	0.245	0.228	0.347	0.833	0.193	1.24	1.11	1.18 B	14
15	3.85 B	0.2638	0.1878	1.12	0.217	0.174	0.588	0.702	0.887	0.971	0.920	1.04 B	15
16	5.01 B	0.4818	0.7608	1.08	0.211	0.133	0.488	0.801	3.31	0.814	1.26	0.9108	16
17	3.30 B	0.2808	1.88 B	0.893	0.217	0.117	0.385	0.532	1.74	0.758	3.32	0.7808	17
18	2.62 B	0.2188	1.30 B	0.881	0.201	0.114	0.555	0.417	1.73	0.880	4.30	0.7008	18
19	2.31 B	0.1558	0.8308	1.41	0.184	0.128	0.534	0.323	1.11	0.887	2.52	0.8158	19
20	1.80 B	0.1138	0.5008	1.84	0.143	0.105	0.418	0.242	0.802	0.484	2.08	0.5818	20
21	1.58 B	0.0848	0.3788	1.82	0.138	0.102	0.310	0.218	1.28	0.381	2.08	0.5038	21
22	1.30 B	1.50 B	2.78 B	1.24	0.112	0.108	0.250	0.208	1.04	0.758	3.75	0.4408	22
23	1.02 B	8.25 B	2.25 B	3.75	0.101	0.088	0.188	0.183	0.811	0.850	2.12	0.4088	23
24	0.8208	5.20 B	1.82 B	3.42	0.091	0.074	0.158	0.128	0.883	0.850	2.81	0.3708	24
25	0.8108	3.10 B	1.35 B	2.45	0.082	0.083	0.127	0.188	1.18	0.808	2.00	0.3428	25
26	0.7408	2.05 B	1.04 B	1.81	0.583	0.185	0.108	0.221	0.787	0.488	1.48	0.3048	26
27	0.8208	1.43 B	0.8858	1.28	0.448	0.232	0.093	0.172	4.53	0.387	1.41	0.8288	27
28	1.21 B	1.14 B	0.7008	1.07	0.441	0.181	0.082	0.134	2.44	0.317	2.73	1.80 B	28
29	1.00 B		0.8758	0.944	0.488	0.118	0.118	0.118	1.48	0.332	4.51	1.42 B	29
30	0.7858		0.5058	0.848	0.374	0.123	0.124	0.088	1.08	0.287	2.31	1.14 B	30
31	0.8008		0.4838		0.304		0.103	0.807		0.287		0.8158	31
TOTAL	81.958	31.888	22.634	88.747	11.838	10.870	7.021	7.301	31.272	33.035	57.873	42.171	TOTAL
MEAN	2.00	1.14	0.737	2.28	0.375	0.362	0.226	0.236	1.04	1.07	1.93	1.38	MEAN
MAX	5.01	8.25	2.78	8.53	1.08	1.83	0.580	0.702	4.53	3.08	4.51	3.81	MAX
MIN	0.485	0.084	0.143	0.410	0.082	0.083	0.034	0.045	0.193	0.287	0.300	0.304	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 8.258 ON FEB 23
MINIMUM DAILY, 0.034 ON JUL 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 08 00 N
LONG 55 37 15 W
DRAINAGE AREA, 28.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 350	JUL	807
FEB	2 780	AUG	831
MAR	1 950	SEP	2 700
APR	5 840	OCT	2 850
MAY	1 010	NOV	5 000
JUN	838	DEC	3 840

TOTAL DISCHARGE, 33 400 dam³

NEWFOUNDLAND AND LABRADOR

LITTLE CODROY RIVER NEAR DOYLES - STATION NO. 02ZA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.13 B	1.05 B	3.40B	2.35B	10.1	8.08	1.35	0.806	16.9	9.24	3.39	4.77	1
2	1.05 B	0.970B	3.05B	5.70B	16.6	8.11	1.25	0.766	32.5	8.80	8.49	4.00B	2
3	0.970B	0.910B	2.75B	4.80B	43.0	7.51	1.16	0.746	31.1	12.3	4.79	3.40B	3
4	0.930B	0.860B	2.50B	3.60	44.4	7.01	1.12	0.733	18.3	60.3	22.5	3.00B	4
5	0.860B	0.810B	2.25B	5.09	28.8	6.54	1.18	6.10	10.5	23.6	15.8	2.75B	5
6	0.820B	0.750B	2.05B	9.08	23.6	7.03	1.12	18.3	7.50	15.4	10.3	2.51B	6
7	0.770B	0.710B	1.85B	25.2	29.9	6.06	1.06	8.42	5.36	15.2	16.2	2.34B	7
8	0.730B	0.670B	1.75B	22.5	46.4	5.47	1.11	7.26	4.17	17.2	12.9	5.80B	8
9	5.20 B	0.650B	1.60B	26.4	34.7	4.55	1.08	8.70	3.47	16.0	8.24	5.00B	9
10	4.00 B	0.620B	1.54B	18.2	27.1	3.88	1.09	5.09	2.82	27.1	22.7	4.20B	10
11	3.50 B	0.600B	1.48B	12.5	25.9	3.59	1.04	3.88	2.58	15.4	18.2	3.48B	11
12	3.15 B	0.570B	1.39B	9.37	26.6	4.85	1.45	3.12	2.27	12.0	20.9	2.89B	12
13	3.60 B	0.550B	1.33B	7.76	30.4	4.06	1.94	2.79	2.06	9.14	18.2	2.56B	13
14	4.20 B	0.700B	1.29B	6.88	23.2	3.49	1.87	5.57	1.86	8.04	11.2	2.28B	14
15	5.50 B	1.10 B	1.28B	6.01	18.8	3.08	1.47	6.82	1.83	8.34	6.59	2.00B	15
16	6.90 B	0.950B	4.40B	5.80	18.9	2.73	1.39	5.05	2.34	6.47	28.5	2.12B	16
17	5.90 B	0.800B	4.00B	5.78	19.8	2.64	1.35	14.1	2.09	12.1	40.8	1.95B	17
18	5.00 B	0.740B	3.60B	5.44	18.8	2.43	1.29	6.86	2.38	9.70	29.7	1.80B	18
19	4.30 B	0.690B	3.30B	6.50	17.5	2.29	1.25	5.18	2.20	7.40	21.8	1.67B	19
20	3.60 B	0.650B	2.90B	10.5	16.4	2.07	1.19	4.71	2.00	5.78	18.9	1.64B	20
21	3.10 B	0.820B	2.60B	7.57	14.5	1.90	1.03	3.77	7.28	4.85	15.7	1.42B	21
22	2.75 B	1.50 B	2.35B	6.02	13.5	1.83	1.04	3.41	4.74	10.8	24.7	1.32B	22
23	2.40 B	10.0 B	2.05B	6.23	14.0	1.78	1.01	4.10	3.79	9.10	15.0	1.70B	23
24	2.15 B	6.00 B	1.65B	5.49	12.6	1.66	0.891	4.00	3.86	7.59	10.6	1.60B	24
25	1.80 B	6.00 B	1.74B	4.80	13.7	1.63	0.895	6.83	4.66	6.35	8.26	1.46B	25
26	1.74 B	5.00 B	1.62B	4.36	15.3	1.69	0.878	10.8	3.62	5.17	6.66	1.40B	26
27	1.56 B	4.46 B	1.52B	4.22	13.6	1.63	0.849	6.55	16.2	4.22	5.46	1.76B	27
28	1.46 B	3.70 B	1.45B	4.22	12.4	1.72	0.823	5.93	11.4	3.71	4.99	2.20B	28
29	1.34 B		3.50B	6.01	11.1	1.68	0.858	4.85	8.96	3.37	6.25	1.97B	29
30	1.23 B		3.00B	8.71	10.2	1.59	0.834	3.82	13.8	3.02	6.01	1.79B	30
31	1.14 B		2.65B		6.84		0.832	33.2		2.74		1.60B	31
TOTAL	82.950	54.640	71.90	253.31	665.54	114.54	35.620	202.853	230.57	358.81	447.20	78.34	TOTAL
MEAN	2.68	1.95	2.32	8.44	21.5	3.82	1.15	6.55	7.69	11.6	14.9	2.53	MEAN
MAX	6.90	10.0	4.40	26.4	46.4	8.54	1.94	33.2	32.5	60.3	40.8	5.80	MAX
MIN	0.730	0.550	1.28	2.35	6.84	1.59	0.823	0.733	1.83	2.74	3.39	1.32	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.11
MAXIMUM DAILY, 60.3 ON OCT 4
MINIMUM DAILY, 0.550B ON FEB 13
MAXIMUM INSTANTANEOUS,
120 AT 02:10 NST ON OCT 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 48 19 N
LONG 59 11 40 W
DRAINAGE AREA, 139 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 170	JUL	3 070
FEB	4 720	AUG	17 500
MAR	6 210	SEP	19 900
APR	21 900	OCT	31 000
MAY	57 500	NOV	38 600
JUN	9 900	DEC	6 770

TOTAL DISCHARGE, 224 000 dam³

LITTLE MECATINA RIVER ABOVE LAC FOURMONT - STATION NO. 02XA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.8B	16.0B	12.0B	11.0B	18.7B	389	74.0	183	222	170	117	50.1B	1
2	22.5B	15.9B	11.8B	10.8B	18.5B	322	77.5	156	235	168	113	49.0B	2
3	22.2B	15.7B	11.7B	10.6B	22.0B	277	75.3	144	222	160	102 B	47.5B	3
4	22.0B	15.5B	11.6B	10.9B	27.0B	235	70.3	136	204	148	86.0B	46.0B	4
5	21.7B	15.4B	11.5B	11.4B	34.0B	205	65.7	153	187	147	78.0B	44.5B	5
6	21.4B	15.3B	11.4B	11.9B	45.0B	184	60.7	181	187	152	87.0B	43.5B	6
7	21.1B	15.1B	11.3B	12.4B	55.0B	162	58.6	159	150	158	61.0B	42.5B	7
8	20.9B	14.9B	11.2B	12.9B	75.0B	147	57.2	185	133	162	68.0B	41.5B	8
9	20.7B	14.8B	11.1B	13.4B	100 B	135	54.5	186	120	163	66.0B	40.5B	9
10	20.4B	14.7B	11.0B	14.1B	140 B	121	52.1	203	118	161	64.0B	39.5B	10
11	20.1B	14.5B	10.9B	14.9B	230 B	110	56.0	205	155	154	69.0B	38.5B	11
12	20.0B	14.4B	10.8B	15.5B	310 B	99.6	64.5	195	186	146	76.0B	37.5B	12
13	19.8B	14.2B	10.7B	16.3B	400 B	92.7	69.3	176	182	140	71.0B	36.5B	13
14	19.6B	14.0B	10.6B	16.5B	500 B	87.6	86.0	158	175	133	66.0B	36.0B	14
15	19.4B	13.9B	10.5B	16.3B	640 B	82.0	93.6	138	166	128	60.0B	35.5B	15
16	19.1B	13.8B	10.6B	16.0B	808	78.6	90.4	125	153	120	62.0B	37.5B	16
17	18.9B	13.6B	10.8B	15.6B	815	72.4	88.9	141	138	115	65.0B	39.6B	17
18	18.7B	13.4B	11.1B	15.3B	672	66.6	89.3	157	125	109	75.0B	40.0B	18
19	18.4B	13.3B	11.4B	15.1B	647	62.4	89.1	165	113	101	63.0B	39.0B	19
20	18.2B	13.2B	11.8B	15.2B	554	57.8	84.2	143	104	88.0	61.0B	38.5B	20
21	18.0B	13.0B	12.2B	15.9B	525	54.9	79.6	130	99.1	90.9	76.0B	37.5B	21
22	17.9B	12.9B	12.5B	16.7B	488	51.9	73.1	117	89.6	95.8	72.0B	36.5B	22
23	17.7B	12.8B	12.8B	17.4B	491	49.2	65.9	104	88.1	117	68.5B	35.6B	23
24	17.5B	12.7B	13.0B	18.3B	454	46.9	60.2	95.1	107	152	66.0B	35.0B	24
25	17.4B	12.5B	12.8B	19.2B	428	44.9	57.1	91.5	166	185	63.0B	34.0B	25
26	17.2B	12.4B	12.5B	20.0B	404	42.6	53.8	99.1	201	193	60.0B	33.3B	26
27	16.9B	12.3B	12.3B	20.0B	380	40.9	50.2	128	221	182	56.5B	32.6B	27
28	16.6B	12.2B	11.9B	19.6B	355	42.4	58.5	171	217	167	55.5B	32.1B	28
29	16.6B		11.6B	19.3B	367	48.1	135	187	202	151	55.0B	31.3B	29
30	16.4B		11.6B	19.0B	417	61.0	175	185	166	138	52.5B	30.6B	30
31	16.2B		11.3B		408		167	186		127		30.2B	31
TOTAL	586.5	392.4	366.1	461.5	10 137.2	3 447.9	2 457.5	4 712.7	4 818.0	4 407.7	2 165.0	1 182.4	TOTAL
MEAN	18.9	14.0	11.8	15.4	327	115	79.3	152	161	142	72.2	38.1	MEAN
MAX	22.8	16.0	13.0	20.0	815	389	175	206	235	193	117	50.1	MAX
MIN	16.2	12.2	10.5	10.6	18.5	40.9	50.2	91.5	88.1	88.0	52.5	30.2	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 96.3
MAXIMUM DAILY, 815 ON MAY 17
MINIMUM DAILY, 10.5B ON MAR 15
MAXIMUM INSTANTANEOUS,
834 AT 19:54 AST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 42 N
LONG 61 19 21 W
DRAINAGE AREA, 4 540 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 500	JUL	213 000
FEB	33 900	AUG	407 000
MAR	30 900	SEP	416 000
APR	39 900	OCT	381 000
MAY	876 000	NOV	187 000
JUN	298 000	DEC	102 000

TOTAL DISCHARGE, 3 040 000 dam³

LITTLE SALMONIER RIVER NEAR NORTH HARBOUR - STATION NO. 02ZK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.628	1.51 B	3.37	3.41	4.32	0.858	1.79	0.643	5.56	7.46	1.36	8.36	1
2	2.428	1.34 B	2.84	22.3	3.88	2.41	1.46	0.603	3.85	5.18	2.00	7.05	2
3	2.008	1.35 B	2.18	26.8	4.07	7.47	1.14	0.681	3.34	3.67	2.82	5.25	3
4	1.818	1.13 B	1.97	18.3	5.18	7.43	0.883	0.547	2.81	8.89	9.04	11.3	4
5	12.0 B	1.07 B	1.73 B	13.6	4.48	5.30	0.882	0.509	2.05	12.2	10.6	21.3	5
6	7.608	0.9808	1.55 B	16.3	3.91	3.62	0.738	0.594	1.63	8.11	5.88	12.6	6
7	5.008	0.8228	1.41 B	33.8	3.18	2.84	0.736	1.13	1.18	6.27	5.88	8.26	7
8	7.038	0.8858	1.26 B	33.2	2.86	2.14	1.11	2.82	1.04	10.3	7.02	6.85	8
9	15.0 B	0.8158	1.18 B	28.3	2.28	1.71	1.56	4.42	1.02	10.8	8.42	4.64	9
10	28.1	0.7858	1.08 B	17.8	2.22	1.23	2.13	7.86	0.914	32.0	5.04	3.908	10
11	16.3	0.7108	1.01 B	12.1	1.81	0.997	2.48	5.53	0.884	12.3	7.18	3.388	11
12	8.03	0.6758	0.8808	8.42	1.78	0.887	2.27	3.46	1.03	10.2	6.58	2.948	12
13	11.4	0.6638	0.8788	8.72	1.68	1.04	6.38	2.30	1.05	23.0	6.86	2.678	13
14	18.7	0.6158	0.8308	8.92	1.60	1.06	3.80	1.72	0.944	14.4	6.83	2.358	14
15	13.1	0.7208	0.7858	9.18	1.38	0.877	4.86	1.66	1.28	8.86	6.83	2.208	15
16	23.2	0.8458	3.00 B	4.82	1.37	0.847	5.05	1.32	12.5	8.26	4.30	1.888	16
17	21.3	0.7638	15.1	5.21	1.26	0.776	3.22	1.14	6.81	4.93	5.86	1.888	17
18	13.0	0.7108	13.3	4.84	1.18	0.848	3.27	1.06	7.84	3.78	17.8	2.008	18
19	8.02	0.8808	8.86	8.18	0.986	0.878	3.82	0.923	5.80	2.81	11.8	2.108	19
20	6.86	0.8258	8.72	7.24	0.976	1.84	2.83	0.789	4.50	2.46	8.96	1.948	20
21	3.808	0.8928	3.76	7.38	0.891	3.42	2.12	0.906	3.36	2.04	10.7	1.818	21
22	2.708	4.00 B	7.46	6.28	0.742	3.08	1.81	1.03	3.37	2.93	44.5	1.878	22
23	2.188	78.0 E	8.46	12.4	0.700	2.30	1.38	1.07	3.14	4.80	22.4	1.538	23
24	1.858	58.3	5.31	14.4	0.811	1.88	1.18	2.38	2.85	3.85	32.6	1.448	24
25	1.388	28.8	3.86	10.6	0.851	1.58	1.05	8.83	2.47	3.18	24.0	1.388	25
26	1.818	14.4	2.86	7.81	0.834	2.32	0.911	5.51	1.88	2.85	14.3	1.278	26
27	2.008	7.87	2.46	8.51	0.820	5.84	0.784	4.57	8.53	2.14	6.33	7.808	27
28	1.888	4.41	3.11	6.58	0.856	4.88	0.848	3.03	9.04	1.88	8.06	17.2 B	28
29	1.428		2.88	4.81	1.21	3.48	0.867	2.22	5.88	1.76	13.5	10.1 B	29
30	1.268		4.28	4.80	1.30	2.46	0.804	1.78	8.46	1.62	14.3	5.428	30
31	1.418		4.04		1.08		1.08	2.34		1.87		4.008	31
TOTAL	244.08	215.868	130.880	342.83	80.058	75.690	65.195	74.857	112.742	211.42	328.87	188.48	TOTAL
MEAN	7.87	7.70	3.89	11.4	1.84	2.52	2.10	2.41	3.76	6.82	11.0	6.37	MEAN
MAX	28.1	78.0	15.1	33.2	5.18	7.47	6.37	6.83	12.8	32.0	44.5	21.3	MAX
MIN	1.26	0.592	0.785	3.41	0.700	0.848	0.848	0.509	0.884	1.62	1.36	1.27	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.53
MAXIMUM DAILY, 78.0E ON FEB 23
MINIMUM DAILY, 0.509 ON AUG 5
MAXIMUM INSTANTANEOUS,
89.8E AT 09:30 NST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 07 15 N
LONG 53 44 00 W
DRAINAGE AREA, 104 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 100	JUL	6 830
FEB	18 600	AUG	8 450
MAR	10 400	SEP	9 740
APR	28 800	OCT	18 300
MAY	5 190	NOV	28 800
JUN	6 540	DEC	14 400

TOTAL DISCHARGE, 174 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 84.6 IS DUE TO CURVE EXTENSION

LLOYDS RIVER BELOW KING GEORGE IV LAKE - STATION NO. 02YN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.308	4.008	14.0 B	5.108	28.3	19.8	3.87	1.85	23.1	33.2	11.7	18.1	1
2	6.208	3.858	13.0 B	5.308	40.4	16.0	3.56	1.81	25.0	38.2	12.7	14.8	2
3	6.058	3.758	12.0 B	5.588	58.9	16.6	3.26	1.87	27.3	35.1	13.4	13.7	3
4	5.908	3.658	11.0 B	5.808	87.8	15.4	3.27	1.83	28.3	27.8	19.2	14.7	4
5	5.708	3.538	10.0 B	5.98	93.8	13.9	3.05	2.04	23.2	34.1	29.2	13.8	5
6	5.508	3.408	9.008	8.48	92.0	12.6	3.14	2.81	19.6	32.7	30.3	13.0	6
7	5.808	3.308	8.208	8.26	90.3	11.8	3.01	3.69	18.5	28.5	27.8	12.1 B	7
8	5.408	3.208	7.808	14.1	101	10.7	2.90	5.80	14.2	28.8	26.6	11.8 B	8
9	5.308	3.058	8.808	28.0	112	9.62	2.88	9.82	12.1	28.0	23.3	11.5 B	9
10	5.308	2.988	8.508	35.6	112	8.77	2.94	11.3	10.8	48.9	23.7	11.1 B	10
11	6.808	2.908	8.008	38.7	102	7.75	2.85	11.2	9.51	62.4	28.8	10.8 B	11
12	7.308	2.808	6.508	37.2	88.6	7.62	2.93	10.4	8.07	57.6	33.2	10.6 B	12
13	7.708	2.758	5.058	33.4	103	7.48	2.93	9.86	8.54	50.6	36.8	10.4	13
14	7.508	2.888	4.858	29.7	95.4	7.13	2.89	12.9	7.81	42.6	36.4	9.88	14
15	7.308	2.808	4.508	28.2	80.7	6.87	3.98	18.7	7.43	36.6	31.5	9.50	15
16	7.008	2.948	4.208	24.2	70.8	8.40	3.04	22.1	7.78	31.7	36.8	9.78	16
17	6.808	2.448	4.008	23.4	61.2	5.87	3.01	28.0	7.82	38.8	71.8	8.87	17
18	6.608	2.428	5.008	22.8	57.8	5.78	2.84	28.5	7.88	39.2	118	8.86	18
19	6.358	2.378	5.808	23.5	53.8	5.58	2.83	26.4	7.85	28.7	105	8.56	19
20	6.058	2.328	6.408	26.8	47.5	5.17	2.86	21.8	7.11	23.1	83.2	8.28	20
21	5.858	2.258	6.008	26.5	41.8	4.86	2.50	17.8	6.90	20.2	62.9	6.86	21
22	5.708	2.808	5.888	24.8	38.7	4.67	2.37	15.8	6.62	24.3	58.5	6.678	22
23	5.508	4.408	5.608	24.4	32.8	4.70	2.34	32.3	6.72	31.5	48.4	6.508	23
24	5.358	7.808	5.358	22.8	30.7	4.55	2.28	34.1	6.62	31.1	42.2	6.308	24
25	5.058	10.6 E	5.058	20.8	28.7	4.48	2.28	33.7	6.85	27.7	34.5	6.108	25
26	4.828	13.5 E	4.908	18.4	28.7	4.26	2.18	31.1	7.73	23.8	29.5	7.808	26
27	4.708	15.2 E	4.708	16.0	28.8	4.31	2.08	26.7	17.8	20.4	25.5	7.708	27
28	4.598	15.0 E	4.588	16.8	28.4	4.22	2.10	22.8	32.3	17.8	22.0	7.508	28
29	4.408		4.428	20.0	28.8	4.36	2.12	20.7	35.3	16.4	20.3	7.358	29
30	4.238		4.858	22.0	24.6	4.03	2.15	18.0	34.7	13.6	17.8	7.108	30
31	4.108		4.638		22.0		2.06	16.8		12.2		7.008	31
TOTAL	182.84	131.70	206.14	818.92	1 818.3	347.26	85.04	509.87	440.42	847.8	1 158.8	319.89	TOTAL
MEAN	5.89	4.70	6.65	20.8	61.8	8.24	2.74	16.5	14.7	30.6	38.7	10.3	MEAN
MAX	7.70	15.2	14.0	38.7	112	19.8	3.87	34.1	35.3	62.8	118	18.1	MAX
MIN	4.10	2.25	4.00	5.10	22.0	4.03	2.06	1.83	6.62	12.2	11.7	7.00	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.5
MAXIMUM DAILY, 118 ON NOV 18
MINIMUM DAILY, 1.83 ON AUG 4
MAXIMUM INSTANTANEOUS,
123 AT 13:13 NST ON NOV 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 14 32 N
LONG 57 49 41 W
DRAINAGE AREA, 469 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 800	JUL	7 350
FEB	11 400	AUG	44 100
MAR	17 800	SEP	38 100
APR	53 500	OCT	81 800
MAY	196 000	NOV	100 000
JUN	21 400	DEC	27 800

TOTAL DISCHARGE, 885 000 dam³

NEWFOUNDLAND AND LABRADOR

MAIN RIVER AT PARADISE POOL - STATION NO. 02YG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.50B	4.05B	21.0 B	8.50B	24.5E	72.7	10.9	1.51E	41.9	29.4	12.4	11.0 B	1
2	5.20B	3.87B	19.5 B	8.10B	34.0E	70.4	8.61	1.34E	33.2	21.2	15.6	10.2 B	2
3	5.90B	3.73B	17.5 B	8.50B	50.0E	65.3	7.57	1.22E	33.7	18.5	14.7	9.60B	3
4	5.70B	3.60B	16.0 B	9.00B	80.0E	60.8	5.78	1.18E	28.5	33.5	62.2	8.20B	4
5	5.40B	3.45B	14.5 B	9.50B	137 E	51.1	5.32	1.87E	21.8	30.9	68.7	6.80B	5
6	5.20B	3.33B	13.0 B	11.5 B	127 E	54.5	6.24	24.5	17.5	23.3	35.1	8.40B	6
7	5.00B	3.22B	12.0 B	14.5 B	117 E	44.5	5.37	61.5	15.5	20.4	28.8	8.20B	7
8	5.30B	3.15B	11.0 B	19.0 B	134 E	38.5	5.86	45.4	12.8	25.3	30.6	7.80B	8
9	6.00B	3.05B	10.2 B	25.0 B	155 E	35.2	5.64	36.5	11.0	24.4	25.1	7.60B	9
10	6.70B	2.98B	9.50B	27.0 B	185 E	36.3	5.09	24.1	9.67	60.4	24.8	6.20B	10
11	8.00B	2.90B	9.00B	64.0 B	204 E	24.5	4.85	17.3	8.60	55.7	44.0	5.80B	11
12	8.80B	2.80B	8.40B	55.0 B	180 E	22.1	4.28	13.3	8.10	38.2	34.3	8.40B	12
13	9.80B	2.75B	7.80B	45.0 B	187 E	23.2	4.04	10.9	7.77	31.9	36.8	9.00B	13
14	10.5 B	2.70B	7.50B	38.0 B	165 E	20.4	3.76	10.1	7.31	46.2	25.1	8.80B	14
15	11.0 B	2.65B	7.20B	34.0 B	155 E	17.8	3.66	14.4	6.54	41.7	22.6	8.20B	15
16	10.5 B	2.55B	8.00B	30.0 B	140 E	15.1	3.51	12.4	5.81	38.0	21.4	7.60B	16
17	9.60B	2.50B	10.0 B	27.0 B	125 A	15.2	3.36	25.3	5.50	35.8	46.7	7.80B	17
18	9.40B	2.42B	12.5 B	24.5 E	115	14.4	3.09	28.8	5.03	35.8	78.4	7.30B	18
19	9.00B	2.36B	15.0 B	28.0 E	113 A	13.6	2.84	20.5	4.64	27.9	63.7	7.00B	19
20	8.40B	2.30B	16.5 B	30.0 E	108	13.7	2.84	15.9	4.35	23.0	33.1	5.80B	20
21	7.80B	2.25B	21.5 B	35.0 E	124	12.3	2.48	13.9	3.98	20.7	25.3	6.80B	21
22	7.40B	2.50B	20.0 B	30.0 E	102	12.3	2.30	29.4	3.77	38.5	25.8	6.30B	22
23	7.00B	3.00B	18.0 B	25.0 E	118	10.5	2.31	63.6	3.86	36.4	23.5	5.10B	23
24	5.60B	3.70B	15.5 B	23.0 E	125	8.43	2.16E	40.3	4.13	28.1	18.0	5.00B	24
25	5.10B	4.50B	13.5 B	20.5 E	122	6.60	1.88E	44.7	4.66	23.1	18.8	5.70B	25
26	5.70B	8.00B	11.5 B	18.5 E	138	7.55	1.68E	27.2	4.51	23.8	15.60	5.50B	26
27	5.40B	9.00B	10.0 B	17.0 E	115	7.07	1.63E	28.1	12.0	30.5	14.20	5.40B	27
28	5.10B	22.0 B	8.50B	16.0 E	128	5.54	1.76E	27.9	20.2	17.8	13.20	5.20B	28
29	4.70B		7.80B	16.5 E	142	12.8	1.72E	23.0	14.8	15.4	12.40	5.00B	29
30	4.40B		7.40B	17.5 E	112	15.1	1.76E	19.8	36.4	14.2	11.50	4.85B	30
31	4.20B		7.00B		91.8		1.61E	30.3		13.2		4.75B	31
TOTAL	217.75	113.33	389.60	749.70	3 924.4	816.00	127.75	743.50	395.23	917.0	879.8	231.00	TOTAL
MEAN	7.02	4.05	12.6	25.0	127	27.2	4.12	24.0	13.2	29.6	29.3	7.45	MEAN
MAX	11.0	22.0	21.5	64.0	204	72.7	10.9	63.6	41.9	60.4	78.4	11.0	MAX
MIN	4.20	2.25	7.00	8.10	24.5	5.54	1.61	1.18	3.77	13.2	11.5	4.75	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.0
MAXIMUM DAILY, 204E ON MAY 11
MINIMUM DAILY, 1.18E ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 46 N
LONG 57 05 24 W
DRAINAGE AREA, 627 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 800	JUL	11 000
FEB	9 790	AUG	64 200
MAR	33 700	SEP	34 100
APR	64 800	OCT	79 200
MAY	339 000	NOV	76 000
JUN	70 500	DEC	20 000

TOTAL DISCHARGE, 821 000 dam³

REMARKS - THE E FOR DISCHARGE BELOW 2.17 IS DUE TO CURVE EXTENSION

MIDDLE ARM BROOK BELOW FLATWATER POND - STATION NO. 02YG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.03 B	0.455B	0.500B	2.86	13.5	6.47	0.869	0.149	0.209	0.487	2.48	4.85	1
2	0.965B	0.425B	0.480B	2.78	14.7	6.54	0.823	0.121	0.199	0.509	2.25	4.59	2
3	0.925B	0.392B	0.453B	2.67	16.6	6.28	0.765	0.100	0.209	0.579	2.31	4.33	3
4	0.880B	0.363B	0.431B	2.58	19.3	5.61	0.722	0.098	0.205	0.687	3.01	4.10B	4
5	0.835B	0.340B	0.412B	2.93	21.5	5.47	0.580	0.106	0.188	0.883	3.12	3.85B	5
6	0.780B	0.320B	0.395B	3.45	22.3	5.12	0.646	0.118	0.167	0.734	3.23	3.62B	6
7	0.750B	0.302B	0.375B	4.65	21.6	4.70	0.622	0.115	0.170	0.777	3.33	3.45B	7
8	0.700B	0.282B	0.360B	7.46	18.8	4.26	0.638	0.127	0.188	0.867	3.53	3.26B	8
9	0.860B	0.270B	0.345B	13.1	17.6	3.73	0.567	0.130	0.188	1.00	3.51	3.12B	9
10	1.37 B	0.255B	0.330B	19.1	16.4	3.30	0.575	0.128	0.169	2.32	3.62	2.97B	10
11	1.75 B	0.240B	0.316B	21.7	15.0	3.02	0.570	0.118	0.187	3.33	3.52	2.82B	11
12	2.20 B	0.227B	0.305B	21.7	13.5	2.87	0.546	0.102	0.188	4.71	3.66	2.72B	12
13	1.98 B	0.220B	0.293B	20.0	12.0	2.83	0.516	0.097	0.198	5.81	3.73	2.61B	13
14	1.83 B	0.210B	0.282B	17.9	10.5	2.65	0.459	0.088	0.223	6.11	3.71	2.51B	14
15	1.67 B	0.202B	0.272B	16.3	9.61	2.29	0.471	0.086E	0.241	6.19	3.73	2.42B	15
16	1.52 B	0.192B	0.350B	15.5	8.58	2.16	0.449	0.086E	0.223	6.07	3.86	2.33B	16
17	1.37 B	0.187B	0.550B	15.0	7.48	1.95	0.415	0.105	0.218	6.01	3.87	2.26B	17
18	1.27 B	0.180B	1.03 B	14.8	6.53	1.86	0.364	0.111	0.227	5.79	3.99	2.19B	18
19	1.16 B	0.175B	1.70 B	16.3	5.87	1.73	0.336	0.108	0.199	5.61	4.19	2.12B	19
20	1.08 B	0.172B	3.10 B	16.2	5.34	1.82	0.322	0.091	0.191	5.38	4.27	2.06B	20
21	1.02 B	0.370B	3.60 B	16.8	4.80	1.56	0.252	0.082	0.184	5.08	4.35	2.00B	21
22	0.960B	0.788B	3.85 B	16.5	4.42	1.44	0.252	0.088	0.195	4.91	4.53	2.44B	22
23	0.865B	0.710B	4.30 B	16.0	3.85	1.30	0.236	0.142	0.214	4.76	4.78	2.32B	23
24	0.820B	0.670B	4.25 B	16.1	3.61	1.18	0.222	0.148	0.227	4.64	5.08	2.25B	24
25	0.760B	0.625B	4.15 B	16.7	3.34	1.15	0.210	0.220	0.200	4.35	5.66	2.16B	25
26	0.705B	0.580B	4.07 B	15.5	3.68	1.14	0.207	0.351	0.306	4.03	5.71	2.11B	26
27	0.650B	0.555B	3.83 B	15.1	4.20	1.03	0.182	0.310	0.466	3.71	6.73	2.02B	27
28	0.605B	0.522B	3.60 B	14.7	4.78	0.914	0.184	0.238	0.486	3.51	5.56	1.95B	28
29	0.565B		3.50 B	14.1	6.57	1.00	0.168	0.202	0.418	3.14	5.38	1.90B	29
30	0.525B		3.32 B	13.4	6.08	0.921	0.172	0.181	0.430	2.92	5.26	1.82B	30
31	0.485B		3.15 B		6.52		0.148	0.203		2.88		1.77B	31
TOTAL	33.075	10.219	53.926	380.15	329.06	85.665	13.577	4.365	6.967	107.213	120.97	84.85	TOTAL
MEAN	1.07	0.365	1.74	12.7	10.6	2.86	0.438	0.141	0.232	3.46	4.03	2.74	MEAN
MAX	2.20	0.788	4.30	21.7	22.3	6.54	0.869	0.351	0.486	6.19	6.73	4.85	MAX
MIN	0.485	0.172	0.272	2.67	3.34	0.914	0.148	0.082	0.167	0.487	2.25	1.77	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.40
MAXIMUM DAILY, 22.3 ON MAY 6
MINIMUM DAILY, 0.082 ON AUG 21
MAXIMUM INSTANTANEOUS,
22.4 AT 01:05 NST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 22 N
LONG 56 20 33 W
DRAINAGE AREA, 234 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 860	JUL	1 170
FEB	883	AUG	377
MAR	4 660	SEP	602
APR	32 800	OCT	9 260
MAY	28 400	NOV	10 500
JUN	7 400	DEC	7 330

TOTAL DISCHARGE, 107 000 dam³

REMARKS - THE E FOR DISCHARGE BELOW .087 IS DUE TO CURVE EXTENSION

MIDDLE BROOK NEAR DAMBO - STATION NO. 02YR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.688	3.618	5.78	5.18	11.7	3.13	1.81	1.05	0.891	3.13	3.18	4.488	1
2	2.818	3.388	5.738	8.17	11.3	3.82	1.48	0.958	0.801	3.08	3.20	4.258	2
3	2.748	3.308	5.848	8.42	10.7	3.67	1.38	0.918	0.800	3.14	3.08	4.108	3
4	2.888	3.208	5.438	8.88	10.7	3.72	1.28	0.881	0.878	3.18	3.08	4.808	4
5	2.818	3.118	5.238	8.18	10.4	3.70	1.24	0.884	0.880	3.28	2.98	5.28	5
6	2.978	3.018	5.008	7.18	10.0	3.54	1.20	0.821	0.838	3.31	2.73	5.33	6
7	2.918	2.938	4.828	8.11	9.87	3.28	1.17	0.851	0.805	3.28	2.68	5.20	7
8	2.858	2.848	4.638	13.7	9.17	3.23	1.11	1.18	0.788	3.82	2.70	5.23	8
9	2.358	2.788	4.398	15.8	8.78	3.08	1.13	1.28	0.748	3.73	2.82	5.008	9
10	2.188	2.708	4.208	18.8	8.37	2.78	1.18	1.26	0.740	4.44	2.81	4.808	10
11	4.748	2.828	3.988	18.4	7.88	2.50	1.18	1.20	0.702	4.34	2.85	4.808	11
12	4.408	2.878	3.828	18.7	7.31	2.37	1.20	1.13	0.803	4.38	2.83	4.488	12
13	4.458	2.488	3.878	18.1	7.14	2.38	1.18	1.10	1.42	4.40	2.78	4.308	13
14	4.958	2.418	3.808	17.2	6.80	2.23	1.11	1.18	1.88	4.45	2.84	4.188	14
15	4.808	2.388	3.38	16.2	8.32	2.04	1.33	1.28	1.80	4.80	2.38	4.008	15
16	5.308	2.288	3.78	16.4	6.18	1.98	1.84	1.28	2.00	4.38	2.47	3.858	16
17	5.908	2.388	4.37	16.0	5.87	1.88	1.58	1.30	2.02	5.02	2.88	3.788	17
18	5.708	3.238	4.81	14.4	5.70	1.84	1.80	1.27	2.18	5.18	2.88	3.708	18
19	5.488	3.308	5.80	13.8	5.40	1.80	1.83	1.14	2.23	5.18	2.86	3.788	19
20	5.338	3.188	6.14	13.8	5.06	1.78	1.80	1.12	2.39	5.28	2.98	3.788	20
21	5.108	2.488	6.84	13.0	4.72	1.85	1.67	1.08	2.48	5.00	3.04	3.858	21
22	4.828	3.10	6.77	12.8	4.48	1.91	1.57	1.05	2.54	4.84	3.77	3.828	22
23	4.758	3.60	6.808	14.2	4.21	1.86	1.53	1.18	2.58	4.82	4.12	3.408	23
24	4.588	4.08	6.658	15.2	4.08	1.81	1.42	1.08	2.70	4.83	4.588	3.308	24
25	4.428	4.81	6.37	15.0	3.81	1.78	1.33	1.07	2.88	4.40	4.78	3.158	25
26	4.288	5.18	6.38	14.8	3.87	1.77	1.34	1.07	2.86	4.23	4.88	3.058	26
27	4.158	5.34	6.33	14.1	3.80	1.78	1.26	1.04	3.05	3.96	5.08	2.958	27
28	3.988	5.88	6.02	13.8	3.72	1.89	1.21	1.05	3.18	3.82	4.988	3.108	28
29	3.858		5.808	13.0	3.91	1.82	1.18	1.02	2.88	3.89	4.828	3.058	29
30	3.728		5.808	12.8	3.88	1.87	1.18	0.823	3.08	3.48	4.708	2.858	30
31	3.638		5.388		3.38		1.13	0.892		3.35		2.858	31
TOTAL	132.03	88.21	162.47	391.83	307.09	72.41	41.38	33.847	53.340	127.53	100.47	123.74	TOTAL
MEAN	4.26	3.15	5.24	13.1	9.90	2.41	1.34	1.09	1.78	4.11	3.36	3.99	MEAN
MAX	5.90	5.88	6.80	18.4	11.7	3.87	1.83	1.30	3.18	5.26	5.08	5.33	MAX
MIN	2.51	2.19	3.38	8.18	3.38	1.82	1.11	0.884	0.703	3.08	2.38	2.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.20
MAXIMUM DAILY, 18.4 ON APR 11
MINIMUM DAILY, 0.703 ON SEP 11
MAXIMUM INSTANTANEOUS,
19.7 AT 06:32 NST ON APR 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 28 N
LONG 54 13 28 W
DRAINAGE AREA, 287 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 400	JUL	3 580
FEB	7 620	AUG	2 910
MAR	14 000	SEP	4 610
APR	33 800	OCT	11 000
MAY	17 800	NOV	8 680
JUN	6 280	DEC	10 700

TOTAL DISCHARGE, 132 000 dam³

MINIPI RIVER BELOW MINIPI LAKE - STATION NO. 03OE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.08	11.1 B	8.858	8.858	10.88	267	88.7	86.8	117	108	54.88	31.88	1
2	19.88	10.8 B	8.508	8.908	11.88	262	83.4	101	121	110	51.88	31.28	2
3	19.28	10.6 B	8.408	8.958	12.48	268	80.5	104	122	111	48.88	30.88	3
4	18.88	10.4 B	8.308	9.308	13.88	237	87.7	109	122	111	47.88	29.88	4
5	18.48	10.3 B	8.208	8.808	14.88	232	88.9	118	124	108	46.28	29.18	5
6	18.18	10.1 B	8.008	7.108	18.88	226	81.8	121	125	105	42.08	28.88	6
7	17.88	9.908	8.858	7.808	18.88	217	81.8	126	123	104	41.28	28.18	7
8	17.48	9.708	8.858	8.008	24.08	204	80.2	134	121	104	40.88	27.88	8
9	17.18	9.608	8.758	8.408	30.08	187	88.7	134	114	102	39.88	27.28	9
10	16.98	9.408	8.858	8.408	38.08	180	48.4	136	117	93.3	38.88	26.88	10
11	16.48	9.308	8.858	8.208	46.08	162	80.7	135	126	97.4	38.08	26.08	11
12	16.28	9.108	8.488	8.008	82.1	172	81.1	134	126	96.2	37.08	25.38	12
13	15.88	8.808	8.388	7.808	78.8	164	82.8	134	126	93.8	37.88	25.08	13
14	15.68	8.708	8.308	7.708	81.1	167	88.8	132	121	88.0	38.08	24.88	14
15	15.38	8.808	8.208	7.808	107	148	88.3	127	122	85.3	41.08	24.08	15
16	18.08	8.408	8.258	7.408	123	138	85.8	127	118	83.8	42.88	24.28	16
17	14.78	8.308	8.458	7.208	138	132	84.4	128	117	78.3	42.08	24.88	17
18	14.48	8.108	8.858	7.108	163	125	84.2	126	114	78.3	41.08	25.18	18
19	14.38	8.008	8.908	7.008	167	118	85.8	123	112	74.5	40.88	25.88	19
20	13.88	7.908	8.108	8.808	186	113	81.8	122	108	73.8	39.88	28.38	20
21	13.78	7.708	8.308	8.758	192	106	81.8	119	105	74.7	38.08	26.18	21
22	13.48	7.608	8.808	8.808	205	102	80.7	116	104	75.1	36.38	25.88	22
23	13.18	7.508	8.808	7.208	217	96.8	48.8	114	103	72.7	37.38	25.28	23
24	12.88	7.308	8.808	7.808	224	83.1	80.8	112	110	72.7	36.88	24.88	24
25	12.68	7.208	8.758	7.908	232	85.7	80.8	108	110	70.1	35.88	24.78	25
26	12.48	7.108	8.808	8.308	237	79.8	48.2	108	115	88.2	35.08	24.28	26
27	12.38	8.853	8.908	8.708	240	78.3	48.8	111	107	87.4	34.88	23.88	27
28	11.88	8.808	8.408	8.308	241	76.7	82.8	112	108	84.8	33.88	23.28	28
29	11.78		8.258	8.908	249	70.0	71.1	112	113	84.4	33.28	22.88	29
30	11.48		8.208	10.2 B	259	87.2	84.7	112	109	84.5	32.88	22.48	30
31	11.38		8.108		258		81.8	113		88.1		22.28	31
TOTAL	471.9	245.35	187.88	237.78	3 893.1	4 883.4	1 744.4	3 708.8	3 485	2 855.7	1 205.0	807.3	TOTAL
MEAN	15.3	8.78	8.06	7.88	126	162	88.3	120	116	85.7	40.2	26.0	MEAN
MAX	20.0	11.1	8.80	10.2	259	267	81.8	136	126	111	54.8	31.8	MAX
MIN	11.3	8.80	8.20	8.00	10.8	87.2	48.2	88.8	103	88.1	32.8	22.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.8
MAXIMUM DAILY, 259 ON MAY 30
MINIMUM DAILY, 8.208 ON MAR 15
MAXIMUM INSTANTANEOUS,
260 AT 10:04 AST ON MAY 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 36 53 N
LONG 61 11 11 W
DRAINAGE AREA, 2 330 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 800	JUL	151 000
FEB	21 200	AUG	320 000
MAR	18 200	SEP	301 000
APR	18 700	OCT	228 000
MAY	336 000	NOV	104 000
JUN	384 000	DEC	69 800

TOTAL DISCHARGE, 2 000 000 dam³

NEWFOUNDLAND AND LABRADOR

MOBILE RIVER AT MOBILE FIRST POND - STATION NO. 02ZM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.83	5.54	4.90	8.28	5.21	3.14	4.78	4.81	1.33	0	3.48	5.10	1
2	4.87	5.77	5.32	10.8	5.32	5.57	0.912	4.58	1.83	0.678	4.80	4.38	2
3	5.41	5.17	4.73	9.83	5.84	5.99	5.91	1.88	0	0	5.13	5.07	3
4	5.81	5.72	5.84	8.88	5.88	4.61	4.88	0	0	0	4.61	7.38	4
5	5.71	5.52	5.21	10.1	5.18	5.18	4.38	0.309	0	0	3.08	11.0	5
6	4.88	5.43	5.21	8.48	5.08	4.70	3.08	0	0	1.28	2.84	8.17	6
7	7.83	4.84	5.80	11.4	5.18	4.81	3.78	1.87	0	0	2.80	8.24	7
8	5.81	5.07	5.12	12.1	4.84	3.43	5.82	3.08	0.413	1.88	3.48	5.61	8
9	5.81	4.38	5.47	11.2	4.08	4.70	3.43	2.78	0	2.34	5.61	5.88	9
10	10.7	5.10	5.32	9.88	5.81	4.78	3.48	3.48	0	8.21	3.08	4.03	10
11	7.80	4.48	5.88	5.88	5.82	4.78	0.382	3.74	0	1.74	3.48	5.30	11
12	7.80	4.83	5.30	6.16	5.28	5.24	2.87	3.28	0	8.01	3.77	8.33	12
13	7.02	4.70	5.24	6.37	5.87	4.78	0	2.87	0	10.1	8.84	4.88	13
14	8.21	5.03	4.78	8.03	8.00	4.48	2.87	3.03	0.328	3.81	3.82	4.38	14
15	8.88	5.72	8.14	8.88	5.13	8.03	5.88	2.87	0.188	3.78	2.43	8.30	15
16	8.78	5.27	8.30	8.43	8.27	2.82	8.81	3.81	0	4.70	8.13	3.88	16
17	10.7	8.03	11.4	8.80	4.73	0	4.78	1.73	0	8.47	4.11	8.31	17
18	7.83	3.88	7.78	8.17	4.38	4.33	8.80	2.82	1.04	0	8.88	8.32	18
19	8.88	2.88	8.40	8.03	8.78	5.04	8.82	2.88	0	2.34	8.88	8.27	19
20	7.08	3.48	8.80	8.00	4.78	8.84	8.72	0	0	3.37	3.37	8.82	20
21	7.08	4.08	8.81	8.84	8.21	3.88	4.78	3.08	0	7.78	8.80	3.84	21
22	8.48	7.08	8.83	8.28	8.88	4.38	3.48	3.88	0	0	10.4	3.88	22
23	8.81	12.0	8.78	10.8	4.33	8.13	1.87	0	0	8.37	8.88	8.28	23
24	8.14	12.2	8.38	10.7	3.40	4.80	3.82	0	0	4.73	8.18	8.07	24
25	8.81	10.4	8.32	10.0	8.87	8.24	4.78	1.28	0	3.88	8.03	8.18	25
26	8.17	10.8	8.37	8.08	8.07	8.20	3.88	0	0	2.88	4.84	4.78	26
27	8.08	8.88	7.14	8.83	8.47	8.18	2.87	0	0	3.37	4.80	8.74	27
28	8.72	8.38	8.03	4.78	8.27	4.80	3.88	0	0	2.88	2.82	8.17	28
29	8.03		8.08	8.14	3.82	8.88	3.82	0	0	3.87	8.74	4.80	29
30	8.81		8.32	8.20	7.48	8.81	4.33	0.833	0	4.88	8.08	4.87	30
31	8.37		8.27		8.32		4.28	0		2.78		8.82	31
TOTAL	211.72	170.82	188.78	224.18	185.48	148.81	124.704	87.782	8.137	87.728	144.34	188.84	TOTAL
MEAN	8.83	8.08	8.12	7.47	8.24	4.88	4.02	1.88	0.171	3.15	4.81	8.47	MEAN
MAX	10.7	12.2	11.4	12.1	7.48	8.18	8.81	4.81	1.83	10.1	10.4	11.0	MAX
MIN	4.87	3.88	4.73	4.28	3.40	0	0	0	0	0	2.43	3.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.88
MAXIMUM DAILY, 12.2 ON FEB 24
MINIMUM DAILY, 0 ON JUN 17

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 14 58 N
LONG 82 83 20 W
DRAINAGE AREA, 112 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 300	JUL	10 800
FEB	14 700	AUG	4 880
MAR	16 400	SEP	444
APR	18 400	OCT	8 440
MAY	14 300	NOV	12 500
JUN	12 800	DEC	16 700

TOTAL DISCHARGE, 148 000 dam³

NASKAUPI RIVER BELOW NASKAUPI LAKE - STATION NO. 03PB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.08	35.58	18.88	15.58	27.78	401	108	70.2	83.2	130	102	84.08	1
2	35.88	35.28	18.88	15.38	27.58	383	107	71.7	84.6	132	104	83.08	2
3	35.08	35.08	18.48	15.28	28.88	383	108	71.8	88.1	133	100	81.08	3
4	34.58	24.88	18.28	15.58	33.08	342	108	72.3	102	138	100	80.08	4
5	34.08	24.68	18.18	16.48	37.88	318	103	72.8	104	143	101	88.88	5
6	33.88	24.38	18.88	17.38	43.08	297	101	71.4	104	148	88.1	87.08	6
7	33.08	24.18	18.48	18.28	51.08	277	87.3	71.8	105	153	84.8	88.08	7
8	32.78	24.08	18.28	18.88	58.08	288	82.8	71.1	104	158	84.2	88.08	8
9	32.48	23.88	18.88	18.48	70.08	258	87.8	71.8	103	182	80.8	87.08	9
10	32.18	23.88	18.28	18.48	80.08	247	88.7	71.2	102	188	81.3	83.08	10
11	31.88	23.28	18.08	18.88	120 B	235	82.2	88.8	88.8	180	82.1	83.88	11
12	31.58	23.08	17.88	18.28	140 B	224	78.8	88.8	88.8	187	81.8	85.88	12
13	31.28	22.88	17.88	18.08	185 B	212	78.3	88.3	82.8	188	81.3	87.88	13
14	30.88	22.88	17.78	18.88	172	200	72.0	84.8	81.8	183	88.1	87.88	14
15	30.58	22.38	17.68	18.78	188	188	88.8	85.8	87.8	180	84.7	88.08	15
16	30.28	22.18	17.58	18.48	203	177	86.0	84.3	88.8	148	83.2	88.08	16
17	30.08	22.08	17.38	18.28	222	187	84.2	82.8	84.4	140	83.8	83.88	17
18	29.78	21.88	17.28	18.18	238	187	81.4	81.3	81.8	133	82.8	82.08	18
19	29.58	21.88	17.08	18.78	258	150	81.8	88.8	78.8	128	81.8	81.08	19
20	29.18	21.88	16.88	19.88	288	141	84.8	88.8	79.3	130	81.8	80.08	20
21	28.88	21.38	16.88	20.88	317	135	81.8	87.0	77.8	117	82.8	48.88	21
22	28.88	21.18	16.78	21.88	342	128	88.8	88.8	74.1	117	80.08	47.88	22
23	28.28	21.08	16.88	22.88	358	120	88.0	84.0	77.8	118	78.08	48.08	23
24	27.88	20.88	16.38	24.08	381	114	88.4	82.8	84.7	114	78.08	48.08	24
25	27.38	20.88	16.28	24.08	380	108	88.8	88.8	88.1	118	74.08	44.08	25
26	27.08	20.38	16.18	27.88	387	102	88.0	88.8	83.8	113	72.08	43.08	26
27	26.88	20.28	16.08	28.08	386	88.1	84.1	71.1	103	114	70.08	42.08	27
28	26.88	20.08	15.88	29.38	404	83.3	83.3	71.8	108	113	88.08	40.78	28
29	26.18		15.88	28.88	418	88.8	87.8	71.4	112	107	87.88	40.08	29
30	26.08		15.78	28.38	425	104	88.3	72.4	123	108	88.08	38.08	30
31	26.88		15.88		413		88.8	83.7		108		38.08	31
TOTAL	841.8	833.3	842.7	817.8	8 888.2	8 105.3	2 337.7	2 873.8	2 832.8	4 138	2 870.3	1 888.7	TOTAL
MEAN	30.4	22.8	17.8	20.8	318	204	75.4	88.8	84.4	133	88.7	81.8	MEAN
MAX	38.0	25.8	18.8	28.3	425	401	107	83.7	123	188	104	84.0	MAX
MIN	25.8	20.0	15.8	15.2	27.8	83.3	83.3	82.8	74.1	108	88.0	38.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.2
MAXIMUM DAILY, 425 ON MAY 30
MINIMUM DAILY, 15.28 ON APR 3
MAXIMUM INSTANTANEOUS,
432 AT 23:41 AST ON MAY 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 84 N
LONG 81 28 45 W
DRAINAGE AREA, 4 480 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	81 400	JUL	282 000
FEB	84 700	AUG	178 000
MAR	46 880	SEP	248 000
APR	83 400	OCT	387 000
MAY	878 000	NOV	232 000
JUN	827 000	DEC	138 000

TOTAL DISCHARGE, 3 880 000 dam³

NORTH BROOK NEAR RED BAY - STATION NO. 02XD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	3.28	0.881	1.46	3.38	1.78	0.888	---	1
2	---	---	---	---	---	2.86	0.888	1.18	4.07	1.46	1.09	---	2
3	---	---	---	---	---	4.78	0.890	0.988	5.43	1.42	1.01	---	3
4	---	---	---	---	---	4.22	0.611	0.891	3.12	5.78	2.18	---	4
5	---	---	---	---	---	3.88	0.388	1.88	3.20	4.48	2.81	---	5
6	---	---	---	---	---	4.18	0.388	1.88	1.87	3.80	1.87	---	6
7	---	---	---	---	---	3.03	0.433	1.38	1.36	2.21	1.82	---	7
8	---	---	---	---	---	2.24	0.478	1.28	1.18	8.62	1.48	---	8
9	---	---	---	---	---	1.82	0.424	1.18	1.02	4.82	1.38	---	9
10	---	---	---	---	---	1.48	0.407	1.03	0.888	4.88	1.88	---	10
11	---	---	---	---	---	1.18	0.382	0.880	1.04	3.48	3.12	---	11
12	---	---	---	---	---	0.988	0.338	0.788	1.33	3.44	2.80	---	12
13	---	---	---	---	---	0.840	0.381	0.887	1.38	1.88	---	---	13
14	---	---	---	---	---	0.778	0.412	0.838	1.27	1.67	---	---	14
15	---	---	---	---	3.88	0.878	0.388	0.742	1.08	1.41	---	---	15
16	---	---	---	---	2.52	0.818	0.400	0.880	0.834	1.18	---	---	16
17	---	---	---	---	2.32	0.817	0.386	1.88	0.830	1.10	---	---	17
18	---	---	---	---	2.80	0.618	0.381	2.41	0.730	1.08	---	---	18
19	---	---	---	---	2.62	0.621	0.374	1.88	0.837	1.07	---	---	19
20	---	---	---	---	2.32	0.808	0.484	1.88	0.882	0.848	---	---	20
21	---	---	---	---	3.08	0.820	0.421	1.39	0.888	0.847	---	---	21
22	---	---	---	---	2.82	0.488	0.382	1.13	0.878	1.08	---	---	22
23	---	---	---	---	2.28	0.837	0.370	0.848	0.782	1.11	---	---	23
24	---	---	---	---	2.32	0.387	0.363	0.814	1.38	0.888	---	---	24
25	---	---	---	---	2.73	0.373	0.308	1.30	1.87	0.882	---	---	25
26	---	---	---	---	3.78	0.338	0.278	1.87	1.32	0.852	---	---	26
27	---	---	---	---	5.83	0.284	0.278	1.80	1.78	6.777	---	---	27
28	---	---	---	---	4.82	0.274	1.15	1.63	2.04	0.720	---	---	28
29	---		---	---	5.71	0.771	3.82	1.38	1.75	0.880	---	---	29
30	---		---	---	5.21	0.802	2.78	1.18	1.88	0.820	---	---	30
31	---		---		4.13		1.88	3.17		0.880		---	31
TOTAL	---	---	---	---	---	43.811	20.800	41.388	47.888	80.071	---	---	TOTAL
MEAN	---	---	---	---	---	1.48	0.881	1.34	1.80	1.84	---	---	MEAN
MAX	---	---	---	---	---	4.78	3.82	3.17	5.43	8.78	---	---	MAX
MIN	---	---	---	---	---	0.274	0.276	0.838	0.888	0.880	---	---	MIN

SUMMARY FOR THE MONTHS JUN TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 27 N
LONG 56 27 05 W
DRAINAGE AREA, 35.5 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 770
FEB	---	AUG	3 880
MAR	---	SEP	4 150
APR	---	OCT	8 190
MAY	---	NOV	---
JUN	3 780	DEC	---

NATURAL FLOW

REMARKS - PUBLISHED UNDER THE NAME "NORTHERN BROOK NEAR RED BAY" TO 1985.

NORTHEAST BROOK NEAR ROBDICKTON - STATION NO. 02YB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8008	0.1828	0.3708	0.2808	10.8	9.18	1.87	0.284	6.35	3.48	4.04	2.408	1
2	0.7508	0.1878	0.3458	0.3208	12.3	8.88	1.40	0.238	8.78	2.87	3.87	2.308	2
3	0.7008	0.1838	0.3258	0.3508	15.3	8.26	1.30	0.218	7.14	2.88	3.47	2.208	3
4	0.6808	0.1788	0.3058	0.4008	18.1	7.81	1.15	0.198	6.87	3.18	4.14	2.108	4
5	0.6108	0.1768	0.2908	0.4508	22.3	7.03	1.20	0.238	8.37	3.41	4.87	2.038	5
6	0.5808	0.1718	0.2808	0.5808	23.2	6.48	1.11	0.388	5.85	3.84	5.21	1.958	6
7	0.5408	0.1888	0.2708	0.8008	23.1	5.82	1.11	0.880	5.25	3.76	5.37	1.888	7
8	0.5108	0.1858	0.2608	2.00 E	23.5	5.20	1.12	1.40	4.78	4.46	5.38	1.808	8
9	0.4708	0.1838	0.2508	4.00 E	25.2	4.84	1.08	1.72	4.30	5.47	5.17	1.788	9
10	0.4518	0.1808	0.2408	5.40 E	25.4	4.30	1.02	2.18	3.92	5.13	4.89	1.888	10
11	0.4208	0.1588	0.2308	6.20 E	25.8	3.80	0.988	2.73	3.83	13.0	4.88	1.628	11
12	0.3908	0.1588	0.2258	7.20 E	27.6	3.47	0.952	2.88	3.73	14.2	4.71	1.588	12
13	0.3708	0.1558	0.2208	6.70 E	26.8	3.86	0.887	2.88	3.61	13.6	4.61	1.708	13
14	0.3458	0.1538	0.2148	6.00 E	23.4	4.18	0.843	2.60	3.48	12.4	4.13	1.808	14
15	0.3308	0.1528	0.2108	5.60 E	20.8	5.04	0.812	2.82	3.38	11.2	3.88	1.908	15
16	0.3158	0.1508	0.8008	5.00 E	18.2	5.87	0.782	4.07	3.28	9.84	3.78	1.818	16
17	0.3008	0.1488	1.10 E	8.50 E	18.1	5.84	0.708	13.4	3.13	9.18	3.88	1.888	17
18	0.2908	0.1478	0.8508	12.5 E	14.8	5.87	0.888	14.8	2.98	8.41	3.67	1.858	18
19	0.2798	0.1468	0.7508	12.3 E	13.7	5.27	0.821	15.6	2.84	7.88	3.88	1.808	19
20	0.2588	0.1488	0.8908	11.2 E	12.8	4.80	0.880	14.8	2.42	6.98	3.74	1.708	20
21	0.2598	0.3128	0.4888	10.3 E	12.1	4.61	0.818	13.2	2.24	8.38	3.72	1.638	21
22	0.2508	0.4008	0.4508	9.10 E	11.3	4.21	0.801	11.6	2.17	6.22	3.608	1.578	22
23	0.2428	0.5408	0.4208	10.0 E	10.7	3.83	0.477	9.83	2.00	6.46	3.408	1.508	23
24	0.2368	0.8808	0.4008	11.2 E	9.87	3.38	0.444	8.88	2.00	6.84	3.228	1.438	24
25	0.2308	0.5808	0.3808	10.5 E	9.18	3.02	0.407	7.82	1.85	6.88	3.108	1.388	25
26	0.3228	0.5008	0.3808	9.80 E	8.79	2.73	0.381	7.88	1.73	8.50	2.858	1.318	26
27	0.3158	0.4808	0.3468	8.80 E	8.52	2.40	0.378	7.87	1.88	8.09	2.838	1.278	27
28	0.2108	0.4208	0.3308	8.30 E	8.87	2.09	0.358	7.05	1.85	5.72	2.708	1.228	28
29	0.2068		0.3158	7.80 A	9.26	2.08	0.383	8.55	1.88	5.28	2.608	1.188	29
30	0.2008		0.3038	8.38	8.33	1.80	0.344	8.14	2.28	4.77	2.508	1.138	30
31	0.1958		0.2838		8.41		0.307	8.18		4.41		1.008	31
TOTAL	11.841	7.117	12.108	203.040	513.33	144.17	34.382	176.877	108.85	212.45	117.82	52.44	TOTAL
MEAN	0.382	0.284	0.381	8.77	16.8	4.81	0.786	5.71	3.87	6.85	3.82	1.88	MEAN
MAX	0.800	0.880	1.10	12.5	28.8	9.18	1.87	15.6	7.14	14.2	5.38	2.40	MAX
MIN	0.195	0.145	0.210	0.280	8.52	1.80	0.307	0.195	1.73	2.48	2.80	1.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.34
MAXIMUM DAILY, 28.8 ON MAY 11
MINIMUM DAILY, 0.1488 ON FEB 20
MAXIMUM INSTANTANEOUS,
29.1 AT 04:87 NST ON MAY 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 44 N
LONG 56 06 44 W
DRAINAGE AREA, 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 020	JUL	3 100
FEB	818	AUG	15 300
MAR	1 080	SEP	9 500
APR	17 500	OCT	18 400
MAY	44 400	NOV	10 200
JUN	12 800	DEC	4 530

TOTAL DISCHARGE, 137 000 dam³

NORTHEAST POND RIVER AT NORTHEAST POND - STATION NO. 02ZH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.053	0.0328	0.071	0.057	0.111	0.017	0.032	0.021	0.027	0.041	0.033	0.052	1
2	0.050	0.0288	0.062	0.056	0.122	0.036	0.035	0.017	0.027	0.037	0.028	0.050	2
3	0.043	0.0338	0.053	0.528	0.135	0.181	0.021	0.014	0.027	0.032	0.029	0.050	3
4	0.060	0.0318	0.048	0.249	0.272	0.205	0.018	0.013	0.026	0.029	0.044	0.789	4
5	0.130	0.0288	0.043	0.204	0.228	0.117	0.014	0.011	0.020	0.028	0.087	0.738	5
6	0.181	0.0278	0.066	0.311	0.143	0.070	0.013	0.011	0.018	0.044	0.052	0.287	6
7	0.161	0.0288	0.042	0.801	0.088	0.047	0.012	0.010	0.018	0.041	0.042	0.185	7
8	0.113	0.0288	0.039	0.612	0.062	0.038	0.018	0.023	0.014	0.041	0.038	0.130	8
9	0.389	0.0248	0.031	0.595	0.058	0.025	0.022	0.028	0.012	0.046	0.034	0.088	9
10	0.828	0.0238	0.028	0.349	0.051	0.020	0.031	0.030	0.012	0.082	0.031	0.083	10
11	0.307	0.0228	0.025	0.258	0.047	0.018	0.083	0.027	0.012	0.075	0.040	0.060	11
12	0.166	0.0218	0.024	0.221	0.041	0.018	0.102	0.021	0.012	0.066	0.093	0.048	12
13	0.165	0.0208	0.023	0.188	0.038	0.017	0.078	0.018	0.013	0.416	0.128	0.045	13
14	0.275	0.0198	0.021	0.160	0.028	0.017	0.053	0.017	0.011	0.254	0.087	0.044	14
15	0.180	0.0188	0.021	0.148	0.027	0.017	0.093	0.017	0.014	0.143	0.069	0.041	15
16	0.306	0.0258	0.314	0.130	0.026	0.018	0.122	0.016	0.148	0.085	0.052	0.039	16
17	0.350	0.0248	0.867	0.130	0.029	0.014	0.068	0.014	0.128	0.068	0.056	0.038	17
18	0.184	0.0238	0.283	0.116	0.028	0.012	0.047	0.013	0.117	0.059	0.248	0.033	18
19	0.109	0.0228	0.176	0.140	0.023	0.011	0.038	0.012	0.081	0.048	0.171	0.050	19
20	0.088	0.0208	0.108	0.178	0.031	0.038	0.031	0.010	0.065	0.040	0.104	0.053	20
21	0.0548	0.023	0.077	0.152	0.018	0.141	0.023	0.021	0.045	0.035	0.067	0.052	21
22	0.0478	0.262	0.074	0.150	0.018	0.093	0.020	0.243	0.039	0.036	0.257	0.046	22
23	0.0418	1.47	0.077	0.712	0.018	0.068	0.022	0.173	0.032	0.049	0.187	0.043	23
24	0.0368	0.784	0.081	0.440	0.018	0.060	0.022	0.088	0.029	0.045	0.167	0.038	24
25	0.0328	0.326	0.080	0.269	0.018	0.031	0.020	0.080	0.025	0.039	0.195	0.030	25
26	0.0308	0.184	0.083	0.192	0.018	0.068	0.017	0.074	0.021	0.034	0.120	0.027	26
27	0.0328	0.128	0.084	0.142	0.018	0.234	0.015	0.058	0.023	0.029	0.073	0.111	27
28	0.0348	0.084	0.080	0.135	0.018	0.133	0.014	0.040	0.029	0.025	0.055	0.181	28
29	0.0328		0.047	0.136	0.018	0.068	0.013	0.031	0.027	0.024	0.077	0.114	29
30	0.0298		0.073	0.128	0.018	0.044	0.020	0.036	0.031	0.023	0.138	0.084	30
31	0.0308		0.087		0.018		0.024	0.023		0.023		0.048	31
TOTAL	4.364	3.788	2.817	8.887	1.791	1.855	1.157	1.208	1.100	2.079	2.778	3.808	TOTAL
MEAN	0.140	0.135	0.081	0.288	0.057	0.062	0.037	0.039	0.037	0.067	0.093	0.118	MEAN
MAX	0.828	1.47	0.867	0.812	0.272	0.234	0.122	0.243	0.148	0.416	0.257	0.789	MAX
MIN	0.029	0.018	0.021	0.087	0.018	0.011	0.012	0.010	0.011	0.023	0.022	0.027	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.098
MAXIMUM DAILY, 1.47 ON FEB 23
MINIMUM DAILY, 0.010 ON AUG 30
MAXIMUM INSTANTANEOUS,
2.01 AT 18:50 NST ON DEC 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 05 N
LONG 52 50 14 W
DRAINAGE AREA, 3.63 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	375	JUL	98.2
FEB	327	AUG	104
MAR	243	SEP	85.0
APR	765	OCT	180
MAY	153	NOV	240
JUN	160	DEC	312

TOTAL DISCHARGE, 3 040 dam³

REMARKS - DRAINAGE AREA FROM 1983 TO 1988 PUBLISHED AS 3.90 km² SHOULD HAVE BEEN 3.63 km²

NORTHEAST RIVER NEAR PLACENTIA - STATION NO. 02ZK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.628	3.06 B	5.87	3.83	2.98	0.840	0.938	0.678	2.05	3.89	1.02E	5.40	1
2	2.288	3.46 B	4.89	17.6	2.61	3.73	0.846	0.780	1.73	2.65	1.38E	4.63	2
3	2.068	3.18 B	4.13	10.2	2.76	4.84	0.833	0.880	1.62	2.49	1.67E	4.23	3
4	1.838	1.86 B	3.44	7.68	3.48	3.39	0.851	0.891	1.41	3.84	2.73E	14.0	4
5	8.008	1.78 B	3.01	7.27	3.04	2.84	0.810	0.836	1.30	5.00	4.80E	11.8	5
6	8.008	1.61 B	2.79	8.58	2.62	2.16	0.863	0.676	1.08	4.38	3.70E	7.80	6
7	6.108	1.51 B	2.61	14.7	2.26	1.86	0.727	2.07	1.08	3.73	2.81E	6.23	7
8	4.018	1.40 B	2.378	14.8	1.86	1.57	2.18	2.13	1.01	4.88	3.51E	5.25B	8
9	18.0 B	1.31 B	2.038	12.9	1.76	1.40	3.33	8.13	0.882	4.88	3.10E	4.85B	9
10	13.6	1.18 B	1.878	8.70	1.60	1.24	2.21	5.74	0.813	7.78	2.87E	4.12B	10
11	8.78	1.12 B	1.778	8.03	1.67	1.12	1.80	3.08	0.862	6.81	3.49E	3.88B	11
12	8.32	1.03 B	1.608	7.18	1.56	1.03	2.38	2.08	1.04	6.81	4.80E	3.32B	12
13	8.88	0.9885	1.558	8.08	1.48	0.953	2.00	1.74	1.01	10.7	4.22E	2.89B	13
14	8.82	0.9308	1.508	5.42	1.34	0.892	1.82	1.80	0.901	8.16	3.35E	2.72B	14
15	8.78	1.03 B	1.48	4.86	1.27	0.838	2.07	1.81	1.84	4.81	2.68E	2.51B	15
16	17.4	1.21 B	5.20	4.37	1.41	0.889	1.80	1.68	7.31	4.38	2.50E	2.28B	16
17	11.8	1.12 B	7.01	4.16	1.33	0.886	1.58	1.40	3.30	3.70	4.42E	2.18B	17
18	8.32	1.05 B	4.61	3.88	1.28	0.880	1.65	1.36	4.51	3.35	10.1 E	2.60B	18
19	6.46	0.9808	3.84	4.30	1.08	0.807	1.56	1.24	3.39	2.80	8.42E	2.55B	19
20	5.23	0.9208	3.34	4.28	0.953	1.88	1.37	1.03	2.42	2.59	4.38E	2.42B	20
21	4.708	0.8808	2.93	3.63	0.824	1.85	1.30	1.00	2.87	2.37	5.45E	3.20B	21
22	3.908	5.00 B	4.73	3.80	0.782	1.34	1.10	1.11	2.88	2.46	16.8 E	2.10B	22
23	3.458	38.0 B	3.84	5.46	0.823	1.20	1.07	1.08	2.30	2.74	11.6 A	1.89B	23
24	2.838	30.9	3.07	5.07	0.958	1.11	0.985	1.72	2.20	2.80	14.2	1.78B	24
25	2.598	16.7	2.75	5.11	0.884	0.885	0.852	4.05	2.09	2.19	11.7	1.68B	25
26	2.388	12.2	3.04	4.35	1.12	1.85	0.744	3.18	1.91	2.00	8.18	1.53B	26
27	4.578	8.23	2.85	3.82	1.18	1.78	0.740	2.33	3.84	1.84	6.84	2.46B	27
28	4.188	7.42	2.63	3.48	1.06	1.38	0.884	1.82	3.48	2.18A	5.39	6.14	28
29	3.698		2.88	3.43	1.38	1.34	0.788	1.86	2.57	1.75E	7.85	4.27	28
30	3.308		3.58	3.14	1.18	1.07	1.18	1.43	4.31	1.43E	6.78	3.41B	30
31	2.838		2.88		1.08		1.07	1.71		1.24E		2.86B	31
TOTAL	188.30	148.778	88.85	202.15	48.818	46.488	40.413	57.841	68.088	116.10	170.74	124.85	TOTAL
MEAN	6.30	5.31	2.22	6.74	1.61	1.85	1.30	1.85	2.27	3.75	5.89	4.03	MEAN
MAX	18.0	38.0	7.01	17.6	3.48	4.84	2.38	8.13	7.31	10.7	16.8	14.0	MAX
MIN	1.92	0.880	1.48	3.14	0.782	0.880	0.883	0.678	0.901	1.24	1.02	1.53	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.62
MAXIMUM DAILY, 38.0B ON FEB 23
MINIMUM DAILY, 0.678 ON AUG 9
MAXIMUM INSTANTANEOUS,
39.9E AT 04:30 NST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 16 25 N
LONG 53 50 27 W
DRAINAGE AREA, 89.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 900	JUL	3 480
FEB	12 900	AUG	4 880
MAR	8 640	SEP	8 880
APR	17 800	OCT	10 000
MAY	4 200	NOV	14 800
JUN	4 010	DEC	10 800

TOTAL DISCHARGE, 114 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 35.6 IS DUE TO CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

NORTHWEST BROOK AT NORTHWEST POND - STATION NO. 02ZH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.26	2.68	1.87	2.88E	1.92 E	0.820E	1.73 E	1.88 E	1.05 E	2.47	1.02	7.18	1
2	2.30	2.68	1.34	12.4 E	1.78 E	1.80 E	1.30 E	1.48 E	1.20 E	2.34	1.04	4.38	2
3	1.78	2.38	1.15	8.68E	1.68 E	2.88 E	1.12 E	1.28 E	1.36 E	2.08	1.02	3.07	3
4	1.78	2.02	0.827	7.10E	1.84 E	3.32 E	0.848E	1.12 E	1.43 E	1.85	1.18	3.81	4
5	2.02	1.88	0.884	6.18E	2.00 E	2.88 E	0.858E	0.980E	1.20 E	2.73	1.82	7.48	5
6	2.47	1.38	0.885	7.00E	1.88 E	2.23 E	0.722E	0.880E	0.870E	3.43	1.84	8.01	6
7	2.48	1.18	0.805	8.60E	1.83 E	1.71 E	0.728E	0.880E	0.888E	3.13	1.88	4.08	7
8	1.88	1.05	0.887	9.28E	1.48 E	1.48 E	1.82 E	0.867E	0.750E	3.30	2.18	3.74	8
9	4.81	0.827	0.747	8.48E	1.38 E	1.18 E	5.38 E	0.885E	0.885E	3.84	2.37	2.81	9
10	13.3	0.698	0.828	7.28E	1.18 E	1.00 E	8.01 E	0.842E	0.822E	8.87	2.34	2.12 B	10
11	7.40	0.7838	0.895	5.20E	1.12 E	0.882E	4.80 E	0.805E	0.800E	8.75	2.81	1.88 B	11
12	3.79	0.7308	0.818	4.00E	1.04 E	1.80 E	4.77 E	0.788E	0.808E	5.34	2.88	1.66 B	12
13	3.71	0.8858	0.485	3.32E	0.820E	2.53 E	4.80 E	0.710E	0.884E	11.3	3.81	1.60 B	13
14	8.88	0.8388	0.484	2.73E	0.800E	1.81 E	3.20 E	0.728E	0.884E	8.28	4.01	1.38 B	14
15	5.01	0.888	0.418A	2.40E	0.830E	1.52 E	10.2 E	0.741E	0.780E	5.08	3.20	1.28 B	15
16	10.5	0.838	1.80 E	3.23E	0.882E	1.23 E	8.00 E	0.718E	3.12 E	3.84	2.88	1.18 B	16
17	14.2	0.808	10.8 E	2.18E	0.888E	1.05 E	5.80 E	0.720E	2.80 E	2.88	2.88	1.11 B	17
18	8.48	0.798	8.80 E	2.17E	0.838E	0.900E	4.80 E	0.718E	2.48 E	2.44	6.81	1.08 B	18
19	3.84	0.748	8.25 E	2.18E	0.800E	0.788E	5.38 E	0.882E	2.22 E	2.11	8.80	1.08 B	19
20	2.44	0.7028	5.13 E	2.18E	0.738E	0.826E	4.80 E	0.840E	2.01 A	1.88	4.31	1.07 B	20
21	2.18	0.8408	3.71 E	2.24E	0.878E	1.27 E	2.73 E	0.800E	1.82	1.88	4.70	1.04 B	21
22	2.13	1.18 B	8.80 E	2.80E	0.837E	1.32 E	2.10 E	2.88 E	1.80	1.88	13.8	1.01 B	22
23	1.88	32.6 E	5.78 E	8.18E	0.880E	1.31 E	1.88 E	2.30 E	1.38	1.74	10.3	0.9708	23
24	1.72	23.7 E	4.20 E	8.15E	0.888E	1.23 E	1.38 E	1.84 E	1.32	1.71	11.8	0.9388	24
25	1.48	8.13	2.83 E	8.02E	0.848E	1.14 E	1.17 E	1.48 E	1.28	1.84	14.8	0.9208	25
26	1.33	4.20	2.88 E	3.78E	0.808E	2.00 E	1.01 E	1.38 E	1.18	1.80	7.72	0.8858	26
27	1.38	2.88	3.00 E	3.18E	0.478E	4.78 E	0.880E	1.18 E	1.28	1.34	4.88	2.48	27
28	1.42	2.02	2.38 E	2.83E	0.458E	3.50 E	0.782E	1.00 E	1.87	1.25	3.40	8.08	28
29	1.40		2.72 E	2.38E	0.582E	2.78 E	0.782E	0.870E	2.11	1.18	7.88	4.08	29
30	1.33		3.54 E	2.17E	0.643E	2.38 E	1.82 E	0.742E	2.18	1.18	12.7	2.42	30
31	1.87		2.88 E		0.638E		2.82 E	0.822E		1.10		1.87	31
TOTAL	117.83	100.813	84.750	143.83	31.834	53.902	91.781	33.324	41.888	97.78	147.27	78.110	TOTAL
MEAN	3.80	3.80	2.73	4.79	1.03	1.80	2.88	1.07	1.40	3.18	4.81	2.55	MEAN
MAX	14.2	32.8	10.8	12.4	2.00	4.78	10.2	2.88	3.12	11.3	14.8	7.48	MAX
MIN	1.33	0.838	0.418	2.18	0.480	0.820	0.722	0.840	0.888	1.10	1.02	0.885	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 32.8E ON FEB 23
MINIMUM DAILY, 0.418A ON MAR 15
MAXIMUM INSTANTANEOUS,
48.1E AT 18:08 NST ON FEB 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 51 08 N
LONG 53 18 11 W
DRAINAGE AREA, 93.3 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 200	JUL	7 930
FEB	8 710	AUG	2 880
MAR	7 320	SEP	3 620
APR	12 400	OCT	8 480
MAY	2 750	NOV	12 700
JUN	4 660	DEC	8 840

TOTAL DISCHARGE, 88 800 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 30.8 IS DUE TO CURVE EXTENSION

NORTHWEST GANDER RIVER NEAR GANDER LAKE - STATION NO. 02YG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.88	22.0 B	54.0B	37.0B	104	30.4	8.84	4.78	20.0	70.8	18.7	33.0B	1
2	13.68	23.5 B	48.0B	48.0B	108	32.6	7.84	4.61	19.5	54.6	18.7	26.6B	2
3	13.38	24.0 B	42.0B	60.0B	114	62.0	6.63	4.03	19.3	46.5	18.4	21.0B	3
4	13.08	23.0 B	37.0B	80.0B	180	48.0	6.88	3.50	19.6	43.4	19.7	18.6B	4
5	14.0B	21.7 B	33.0B	105 B	182	42.1	4.85	3.18	18.2	73.2	25.0	23.0B	5
6	18.0B	21.0 B	39.0B	140 B	124	38.7	4.62	4.34	18.2	78.6	27.0	40.0B	6
7	19.0B	19.5 B	26.0B	190 B	84.4	28.6	4.34	3.92	13.0	66.6	24.8	36.0B	7
8	22.0B	18.2 B	23.0B	270 B	78.2	23.6	3.82	34.0	11.1	61.6	23.7	32.0B	8
9	26.0B	17.0 B	21.0B	370 B	83.6	19.1	3.76	138	8.83	58.6	22.4	27.5B	9
10	31.0B	16.0 B	19.0B	338	96.3	15.4	3.62	121	8.12	89.7	22.7	24.0B	10
11	36.0B	15.0 B	17.0B	290	48.4	12.3	3.80	79.4	7.81	110	29.5	21.0B	11
12	44.0B	14.0 B	16.5B	208	42.8	10.8	4.63	82.6	9.84	86.5	34.0	18.5B	12
13	54.0B	13.6 B	16.3B	184	38.6	11.1	4.33	38.7	150	67.8	40.7	17.0B	13
14	51.5B	12.7 B	13.3B	156	35.8	11.4	4.87	35.2	214	55.8	43.6	15.5B	14
15	48.0B	12.0 B	12.2B	143	32.6	11.3	7.07	88.4	138	48.5	38.8	14.3B	15
16	46.0B	11.2 B	19.0B	145	32.4	10.0	28.7	61.1	88.1	42.1	40.0	13.3B	16
17	43.5B	10.6 B	29.0B	149	30.3	8.81	30.4	46.8	77.7	53.1	51.1	12.4B	17
18	41.0B	9.80B	44.0B	141	27.3	7.57	23.6	35.1	60.3	72.0	88.3	18.0B	18
19	39.0B	9.30B	85.0B	143	23.3	6.89	18.1	27.1	48.0	82.6	101	17.0B	19
20	36.5B	8.70B	76.0B	147	20.0	6.34	13.8	21.2	38.4	50.8	83.8	18.5B	20
21	34.5B	8.30B	84.0B	132	17.6	22.7	11.3	18.8	31.7	41.8	87.8	16.3B	21
22	33.0B	7.80B	65.0B	110	15.1	58.0	8.40	14.7	28.8	37.7	82.6	17.0B	22
23	31.0B	11.0 B	47.0B	120	13.6	40.1	6.87	101	22.8	42.0	128	16.0B	23
24	29.5B	16.0 B	41.0B	157	12.2	27.5	6.18	138	20.7	43.4	100	14.5B	24
25	28.0B	25.0 B	35.0B	146	10.7	20.2	7.61	84.3	19.8	40.1	72.6	13.8B	25
26	27.0B	40.0 B	30.0B	134	11.5	15.8	7.04	68.3	18.2	35.4	60.0B	13.2B	26
27	26.5B	70.0 B	28.0B	126	13.4	14.2	6.37	51.3	88.7	31.1	35.0B	12.5B	27
28	24.0B	82.0 B	23.0B	120	16.5	16.3	5.86	40.4	180	27.8	25.0B	14.0B	28
29	23.0B		20.0B	111	34.2	14.2	5.15	32.0	137	26.3	20.0B	15.5B	29
30	22.0B		24.0B	108	43.1	11.8	5.24	25.0	95.2	23.1	20.0B	17.2B	30
31	21.0B		29.0B		37.2		5.07	21.3		21.1		18.2B	31
TOTAL	921.8	582.80	1 050.8	4 677.0	1 818.1	884.71	272.24	1 390.84	1 823.00	1 872.0	1 408.8	810.7	TOTAL
MEAN	29.7	20.1	33.9	153	62.2	22.2	8.78	44.9	84.1	53.9	47.0	18.7	MEAN
MAX	54.0	70.0	85.0	370	182	58.0	30.4	138	214	110	128	40.0	MAX
MIN	13.0	7.90	12.2	37.0	10.7	6.34	3.76	3.18	7.81	21.1	18.4	12.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.8
MAXIMUM DAILY, 370B ON APR 9
MINIMUM DAILY, 3.18 ON AUG 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 07 N
LONG 55 04 52 W
DRAINAGE AREA, 2 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	79 800	JUL	23 500
FEB	48 800	AUG	120 000
MAR	90 800	SEP	140 000
APR	395 000	OCT	144 000
MAY	140 000	NOV	122 000
JUN	57 400	DEC	62 800

TOTAL DISCHARGE, 1 410 000 dam³

NEWFOUNDLAND AND LABRADOR

PETERS RIVER NEAR BOTWOOD - STATION NO. 02YD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.17 B	1.52 B	2.80 B	1.358	4.40	3.20	0.458	0.377	0.614	3.88	1.18	1.70 B	1
2	1.11 B	1.44 B	2.80 B	1.408	3.87	2.67	0.473	0.286	0.886	3.10	1.13	1.40 B	2
3	1.05 B	1.36 B	2.38 B	2.308	3.66	2.32	0.481	0.284	0.805	2.88	1.03	1.20 B	3
4	1.01 B	1.28 B	2.20 B	3.308	3.75	2.08	0.428	0.307	0.788	2.55	1.11	1.00 B	4
5	0.8908	1.23 B	2.00 B	5.48	3.85	1.93	0.484	0.288	0.758	2.49	1.34	0.8908	5
6	1.20 B	1.17 B	1.84 B	7.80	3.88	1.83	0.584	0.318	0.785	2.87	1.48	0.7808	6
7	1.46 B	1.11 B	1.70 B	12.1	3.16	1.68	0.624	0.398	0.788	2.81	1.41	0.7008	7
8	1.78 B	1.06 B	1.58 B	22.7	2.68	1.34	0.613	0.581	0.733	2.53	1.40	0.6408	8
9	2.15 B	1.03 B	1.45 B	37.4	2.37	1.03	0.533	1.83	0.847	3.88	1.38	0.6008	9
10	2.80 B	0.9908	1.36 B	32.8	2.04	0.887	0.710	3.00	0.844	4.83	1.28	0.5508	10
11	3.14 B	0.8608	1.30 B	25.3	1.73	0.758	0.804	2.88	0.831	8.08	1.23	0.5108	11
12	3.80 B	0.9308	1.22 B	20.8	1.55	0.688	0.808	2.07	0.875	8.26	1.42	0.4808	12
13	4.50 B	0.8008	1.13 B	18.3	1.42	0.733	0.801	1.52	2.27	6.41	1.55	0.4608	13
14	5.00 B	0.8708	1.08 B	16.8	1.37	0.887	0.787	1.25	3.86	4.61	1.67	0.4108	14
15	4.80 B	0.8508	1.04 B	15.1	1.35	1.09	1.01	1.88	3.15	4.02	1.48	0.3708	15
16	4.20 B	0.8208	1.00 B	14.5	1.35	1.11	2.15	3.61	2.87	3.33	1.36	0.5208	16
17	3.66 B	0.7808	1.30 B	14.3	1.55	0.953	2.81	3.25	2.84	3.26	1.88	0.4588	17
18	3.70 B	0.7708	1.80 B	13.4	1.45	0.781	2.09	2.85	2.51	8.03	2.23	0.5808	18
19	3.40 B	0.7508	2.50 B	12.5	1.34	0.753	1.87	1.98	2.12	8.58	2.57	0.7408	19
20	3.20 B	0.7308	2.30 B	11.5	1.13	0.874	1.14	1.47	1.71	5.12	2.47	0.8408	20
21	2.85 B	0.7208	1.93 B	10.6	0.838	0.800	0.881	1.20	1.35	3.78	2.10	0.8208	21
22	2.78 B	0.8008	1.72 B	9.03	0.897	0.519	0.822	1.10	1.13	3.08	2.69	0.7208	22
23	2.65 B	1.10 B	1.55 B	8.54	0.838	0.474	0.735	1.22	1.07	2.77	5.71	0.6808	23
24	2.35 B	1.40 B	1.40 B	12.4	0.827	0.448	0.676	1.81	0.974	2.66	8.12	0.6008	24
25	2.20 B	1.78 B	1.26 B	15.1	0.770	0.444	0.635	1.82	0.862	2.41	3.83	0.5308	25
26	2.10 B	2.20 B	1.14 B	13.0	0.783	0.408	0.825	2.22	0.788	2.18	2.60 B	0.4808	26
27	1.98 B	2.75 B	1.03 B	10.0	0.883	0.388	0.485	1.84	1.38	1.81	2.10 B	0.4408	27
28	1.87 B	3.45 B	0.8608	7.53	1.30	0.486	0.483	1.58	4.15	1.55	1.80 B	0.4408	28
29	1.78 B		0.8908	5.84	5.03	0.508	0.477	1.28	7.64	1.52	1.15 B	0.8808	29
30	1.88 B		0.8408	4.85	7.08	0.476	0.436	1.17	8.51	1.36	0.9808	0.5408	30
31	1.80 B		1.00 B		5.24		0.410	0.942		1.32		0.4858	31
TOTAL	77.880	34.880	48.410	388.08	72.307	32.108	25.888	48.007	58.890	112.24	58.070	21.880	TOTAL
MEAN	2.51	1.25	1.56	12.8	2.33	1.07	0.835	1.48	1.90	3.62	1.87	0.708	MEAN
MAX	5.00	3.45	2.80	37.4	7.08	3.30	2.81	3.61	7.64	8.26	8.12	1.70	MAX
MIN	0.880	0.720	0.840	1.35	0.770	0.388	0.410	0.284	0.831	1.22	0.880	0.440	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.87
MAXIMUM DAILY, 37.4 ON APR 9
MINIMUM DAILY, 0.284 ON AUG 3
MAXIMUM INSTANTANEOUS, 38.6 AT 15:45 NST ON APR 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 08 21 N
LONG 55 24 36 W
DRAINAGE AREA, 177 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 710	JUL	2 240
FEB	3 010	AUG	3 880
MAR	4 180	SEP	4 920
APR	33 400	OCT	9 700
MAY	6 250	NOV	5 100
JUN	2 770	DEC	1 800

TOTAL DISCHARGE, 84 200 dam³

PETTY HARBOUR RIVER AT SECOND POND - STATION NO. 02ZH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.05	4.81	5.84	8.08	5.07	2.44	3.83	0.891	2.44	0.212	0.888	3.88	1
2	2.88	4.88	5.41	7.33	5.43	7.16	3.23	0	0	0	1.88	1.14	2
3	2.76	2.40	4.33	6.82	5.84	7.88	0.202	0.883	0	4.47	1.15	3.31	3
4	7.82	5.15	5.15	11.1	5.46	3.84	1.81	0.848	0	7.88	0.892	8.48	4
5	8.87	5.81	3.77	12.2	1.93	2.32	1.38	0.428	0	5.38	1.18	13.0	5
6	4.81	4.73	4.78	11.2	1.14	1.81	1.42	0	0	3.81	0.785	13.8	6
7	2.82	1.88	5.48	12.8	0.808	0	3.45	1.38	0	0.837	1.28	12.2	7
8	5.47	3.88	8.01	13.5	1.08	0.223	4.88	2.87	0	1.88	0.818	8.82	8
9	11.0	2.12	1.82	28.2	2.88	0	4.84	0	0	0.745	1.02	8.01	9
10	12.7	3.84	1.84	24.1	2.44	0	0.189	0.832	0	3.81	1.01	8.47	10
11	11.8	4.80	1.88	18.7	3.08	2.28	5.88	0	0	5.81	1.41	3.40	11
12	9.77	4.75	1.88	13.3	1.61	2.48	8.44	0	0	8.75	1.88	3.23	12
13	11.0	3.08	4.02	13.1	2.58	1.27	0	0	0	8.08	1.88	2.47	13
14	10.4	3.11	4.67	11.7	0.887	1.40	0	0	0	7.50	1.67	4.84	14
15	9.91	2.88	8.84	8.33	1.01	0	8.33	0	2.78	8.74	2.08	8.88	15
16	10.1	1.84	10.5	8.37	0	0.880	8.28	0	7.70	4.87	2.85	2.88	16
17	8.60	8.44	12.8	8.85	1.88	0.018	3.88	0	0.108	3.78	1.85	3.74	17
18	8.43	4.84	11.5	8.43	4.80	0	8.74	0.837	4.73	2.88	3.71	1.41	18
19	8.28	1.37	10.4	4.84	0	0	1.88	0	2.88	4.02	8.44	1.88	19
20	8.18	1.28	8.52	4.84	1.04	3.87	0	0	0	2.02	8.44	1.44	20
21	8.18	4.42	8.72	4.84	0	4.88	0	3.48	3.20	2.00	8.48	2.24	21
22	4.84	8.84	8.82	4.84	0	0	2.72	3.14	0	1.88	8.84	1.88	22
23	4.47	12.8	4.88	10.8	0	0	0	0.788	0.212	1.80	11.8	3.84	23
24	4.70	30.0	2.36	13.0	1.81	1.70	0	1.08	4.87	1.24	10.3	3.11	24
25	3.84	24.0	8.83	11.0	1.40	3.14	0	1.83	0	1.32	12.8	4.80	25
26	3.06	14.8	8.01	7.82	1.21	8.84	0	0	0	1.32	10.2	5.26	26
27	3.17	11.8	7.78	7.31	2.06	8.41	0	0	4.38	1.44	8.87	7.78	27
28	1.31	8.95	7.42	4.58	4.58	4.84	0.436	0	0	1.52	5.32	8.14	28
29	1.02		5.76	8.51	1.34	4.50	1.02	0	0	0.902	8.08	1.87	29
30	1.84		2.78	7.38	0.837	0.308	8.37	0	2.87	0.888	8.48	3.23	30
31	4.88		1.44		1.44		0	1.30		0.878		4.22	31
TOTAL	200.28	187.84	174.87	302.80	88.870	88.380	78.827	19.142	38.878	82.418	121.313	181.13	TOTAL
MEAN	8.48	8.71	8.83	10.1	2.22	2.28	2.47	0.817	1.20	2.88	4.04	4.88	MEAN
MAX	12.7	30.0	12.8	28.2	8.84	7.88	8.88	3.48	7.70	7.88	12.8	13.8	MAX
MIN	1.02	1.28	1.83	4.58	0	0	0	0	0	0	0.882	1.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.11
MAXIMUM DAILY, 30.0 ON FEB 24
MINIMUM DAILY, 0 ON MAY 15

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 27 27 N
LONG 52 43 47 W
DRAINAGE AREA, 134 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 300	JUL	6 820
FEB	16 200	AUG	1 650
MAR	16 100	SEP	3 100
APR	23 200	OCT	7 880
MAY	5 880	NOV	10 800
JUN	5 810	DEC	13 100

TOTAL DISCHARGE, 130 000 dam³

PIERRES BROOK AT GULL POND - STATION NO. 02ZM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.88	8.17	8.17	8.14	4.28	0.828	3.39	2.37	1.62	3.62	4.73	4.78	1
2	4.22	8.17	8.17	8.82	4.25	0	2.35	0	2.69	4.59	4.82	4.78	2
3	4.38	8.17	8.28	8.82	4.28	0	2.38	1.42	2.88	4.81	4.70	4.78	3
4	4.16	8.14	8.28	8.17	4.28	0	2.82	2.07	2.82	4.81	4.84	8.60	4
5	4.33	8.87	8.28	8.88	4.30	2.71	3.08	2.14	3.37	4.84	4.84	8.48	5
6	4.48	4.81	8.31	8.17	4.25	1.40	1.71	0	4.80	4.84	4.70	8.48	6
7	4.78	4.08	8.31	8.17	4.22	0	2.28	2.84	2.63	4.87	4.88	8.48	7
8	4.81	3.77	8.23	8.23	4.28	0	2.25	4.84	3.03	4.87	3.88	8.48	8
9	5.27	3.88	8.17	8.31	4.22	0	2.10	1.73	3.20	4.84	2.38	8.48	9
10	5.88	3.88	8.17	8.47	4.22	1.87	2.78	0	3.20	4.83	0	8.48	10
11	5.88	3.17	8.17	8.23	4.22	0	1.81	1.88	0	2.88	0	8.88	11
12	5.88	2.82	8.17	8.31	4.22	0.778	2.41	0	0	4.73	0	8.47	12
13	5.82	0.613	8.17	8.31	4.18	1.78	2.18	0	0	4.87	1.83	8.47	13
14	8.17	0.770	8.17	8.31	4.18	1.81	1.87	1.88	0	8.18	1.70	8.47	14
15	8.17	0.881	4.83	8.31	1.88	0	2.08	1.74	1.72	4.84	1.88	8.12	15
16	8.82	0.723	8.87	8.31	0	0	2.43	1.74	4.88	4.88	2.01	8.48	16
17	8.17	2.73	8.12	8.31	0	0	2.88	1.88	4.88	4.80	4.18	8.48	17
18	8.17	3.27	8.17	8.31	0.738	0	2.82	0	4.22	4.88	4.28	8.47	18
19	8.17	1.44	8.17	8.31	0	0	3.08	0	0.483	4.22	4.42	8.47	19
20	8.17	0.308	8.17	8.31	0	2.08	3.00	0	1.63	4.78	4.48	8.07	20
21	8.17	0.784	8.17	8.31	0	0	2.77	0	8.30	4.81	4.42	4.84	21
22	8.17	2.87	8.17	8.31	0	1.17	2.73	1.71	8.38	4.81	4.78	4.80	22
23	8.17	8.24	8.87	8.31	0.883	1.38	3.08	0	3.88	3.44	4.88	4.47	23
24	8.17	8.88	8.87	8.31	0	0	2.82	0	8.78	4.38	3.88	4.82	24
25	8.17	8.17	8.17	8.31	0	0	2.72	1.44	8.18	4.38	4.84	4.47	25
26	8.17	8.17	8.17	8.31	0	2.30	2.88	0	8.18	4.42	4.84	4.47	26
27	8.17	8.17	8.14	8.31	0	1.08	2.00	0	8.21	4.82	4.83	4.84	27
28	8.17	8.17	8.12	8.31	0	1.78	2.21	2.87	8.24	4.45	4.80	4.45	28
29	8.17		8.88	8.31	0.812	1.88	2.18	1.34	8.38	4.22	4.84	4.87	29
30	8.14		8.30	8.31	0	2.24	2.83	2.34	8.41	4.42	4.84	4.73	30
31	8.17		8.14		0		2.88	1.88		4.70		4.82	31
TOTAL	174.03	108.338	188.82	188.48	82.781	24.375	78.82	37.14	100.183	140.84	108.83	188.88	TOTAL
MEAN	8.81	3.80	3.09	8.22	2.03	0.813	2.44	1.20	3.34	4.84	3.88	8.38	MEAN
MAX	8.17	8.17	8.31	8.31	4.30	2.71	3.08	4.84	8.78	8.18	4.83	8.48	MAX
MIN	3.88	0.308	4.83	8.47	0	0	1.81	0	0	2.88	0	4.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.78
MAXIMUM DAILY, 8.48 ON DEC 5
MINIMUM DAILY, 0 ON MAY 16

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 17 50 N
LONG 52 51 00 W
DRAINAGE AREA, 117 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 000	JUL	6 530
FEB	8 180	AUG	3 210
MAR	16 300	SEP	6 880
APR	15 100	OCT	12 200
MAY	5 430	NOV	8 800
JUN	2 110	DEC	14 400

TOTAL DISCHARGE, 118 000 dam³

PINCHGUT BROOK AT OUTLET OF PINCHGUT LAKE - STATION NO. 02YJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.858	1.40 E	3.58	1.88	5.18	3.78	1.05	0.348	5.10	5.85	2.78	3.22	1
2	1.818	1.37 E	3.13	2.07	7.38	3.38	1.01	0.328	5.14	5.52	2.78	3.03	2
3	1.778	1.33 E	2.89	2.81	13.1	3.08	0.912	0.322	6.26	4.98	2.82	2.80	3
4	1.718	1.28 E	2.84	2.73	21.1	2.83	0.782	0.310	5.69	5.61	3.83	2.78	4
5	1.678	1.28 E	2.39	2.88	20.2	2.85	0.788	0.355	4.87	5.06	5.88	2.83	5
6	1.818	1.23 E	2.18	2.91	17.9	2.48	0.728	0.802	4.18	5.50	5.82	2.48	6
7	1.578	1.18 E	2.06	4.40	16.7	2.31	0.745	1.81	3.58	4.88	5.25	2.37	7
8	1.528	1.17 E	1.94	8.35	18.1	2.11	0.722	4.52	3.10	5.02	5.35	2.38	8
9	1.74	1.14 E	1.82	11.8	20.8	1.98	0.688	5.53	2.78	5.01	4.88	2.30	9
10	2.23	1.11 E	1.70	10.9	21.3	1.78	0.884	5.14	2.60	8.12	4.68	2.24	10
11	2.85	1.08 E	1.81	8.17	18.8	1.61	0.817	4.34	2.28	10.8	5.22	2.17	11
12	2.78	1.07 E	1.84	7.88	17.8	1.48	0.874	3.58	2.14	9.27	5.40	2.11	12
13	2.83	1.08 E	1.80	8.85	17.0	1.40	0.884	3.07	2.01	8.05	5.78	2.07	13
14	2.74	1.04 E	1.38	8.84	14.7	1.36	0.851	4.88	1.84	7.21	8.48	2.01	14
15	2.84	1.03 E	1.32	8.70	12.7	1.24	0.831	10.8	1.72	8.44	5.74	1.84	15
16	2.85	1.01 E	1.84	8.85	11.4	1.14	0.811	8.13	1.73	5.71	5.85	1.88	16
17	2.48	0.8808	2.32	8.87	10.1	1.08	0.476	7.88	1.68	5.58	7.82	1.82	17
18	2.41	0.8808	2.88	8.86	9.03	1.05	0.472	8.24	1.61	7.23	7.87	1.78	18
19	2.29	0.8708	3.18	8.86	7.82	0.971	0.417	8.07	1.48	8.81	7.23	1.78	19
20	2.18	0.8908	2.88	7.32	7.00	0.848	0.422	4.17	1.38	8.84	8.87	1.74	20
21	2.07	0.8208	2.78	7.17	8.28	0.813	0.388	3.85	1.34	4.88	8.81	1.87	21
22	2.01	1.30	2.58	8.81	8.81	0.883	0.414	3.84	1.32	8.27	5.80	1.82	22
23	1.938	2.83	2.38	8.84	8.03	0.812	0.483	8.20	1.28	7.18	8.84	1.88	23
24	1.858	4.28	2.18	8.86	4.88	0.741	0.453	8.21	1.30	8.88	8.81	1.86	24
25	1.78	4.84	2.01	8.42	4.48	0.708	0.428	8.88	1.48	8.88	8.88	1.83	25
26	1.88	4.83	1.87	4.83	8.02	0.843	0.408	8.88	1.48	8.22	4.88	1.48	26
27	1.848	4.47	1.80	4.78	8.28	0.821	0.386	8.80	3.81	4.47	4.21	1.82	27
28	1.888	3.88	1.72	4.87	8.81	0.888	0.388	8.80	8.38	3.88	3.84	1.82	28
29	1.848		1.70	4.47	8.38	0.828	0.395	8.11	8.16	3.82	3.81	1.85	29
30	1.488		1.80	4.47	4.71	1.04	0.382	4.44	8.88	3.30	3.42	1.41	30
31	1.448		1.88		4.22		0.370	4.78		2.88		1.42	31
TOTAL	61.88	48.780	87.38	172.18	348.28	46.870	17.881	133.278	88.08	185.85	158.71	82.28	TOTAL
MEAN	2.00	1.78	2.17	8.74	11.2	1.88	0.887	4.30	2.87	8.88	8.22	2.01	MEAN
MAX	2.83	4.84	3.58	11.8	21.3	3.78	1.05	10.8	8.38	10.8	7.87	3.22	MAX
MIN	1.44	0.820	1.32	1.88	4.22	0.821	0.382	0.310	1.28	2.88	2.78	1.41	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.81
MAXIMUM DAILY, 21.3 ON MAY 10
MINIMUM DAILY, 0.310 ON AUG 4
MAXIMUM INSTANTANEOUS,
21.7 AT 02:48 NST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 21 N
LONG 58 00 58 W
DRAINAGE AREA, 118 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 380	JUL	1 520
FEB	4 300	AUG	11 500
MAR	5 820	SEP	7 700
APR	14 900	OCT	18 000
MAY	30 100	NOV	13 500
JUN	4 020	DEC	5 380

TOTAL DISCHARGE, 120 000 dam³

NEWFOUNDLAND AND LABRADOR

PIPERS HOLE RIVER AT MOTHERS BROOK - STATION NO. 02ZH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.558	18.4 B	18.5 B	8.828	43.5	9.12	3.77	4.83	3.83	12.6	7.78	24.8	1
2	7.858	15.8 B	16.0 B	10.0 B	43.6	14.2	3.85	4.19	3.74	11.0	7.88	21.4	2
3	8.658	13.1 B	13.5 B	16.0 B	42.6	24.4	3.61	3.80	5.35	10.2	8.03	19.0	3
4	8.178	12.6 B	12.0 B	24.0 B	43.6	21.8	3.16	3.80	5.82	20.8	8.09	38.3	4
5	7.398	10.3 B	11.1 B	32.5 B	43.4	19.1	2.82	3.35	4.87	32.8	10.4	54.2	5
6	8.508	8.358	10.0 B	47.0 B	44.3	17.8	2.74	3.10	4.24	27.7	9.12	40.3	6
7	11.4 B	8.658	8.458	62.1 B	40.2	15.3	2.85	3.08	3.84	23.0	8.85	32.6	7
8	10.1 B	7.838	8.608	81.0 B	38.1	13.1	6.85	3.08	3.88	25.3	11.1	28.6	8
9	21.5 B	7.108	7.908	128	32.8	11.2	5.08	10.3	3.44	24.8	10.6	20.8	9
10	48.3 B	8.668	7.858	107	28.5	9.72	4.88	10.8	3.18	37.0	11.1	18.6 B	10
11	34.5 B	8.148	7.018	81.8	26.6	8.58	4.85	8.18	2.87	30.0	13.0	16.3 B	11
12	28.8 B	8.858	6.868	80.5	23.8	7.66	10.7	6.13	3.13	25.1	14.3	15.0 B	12
13	25.0 B	8.328	6.188	73.2	21.6	7.85	8.80	7.42	3.85	22.0	17.3	13.4 B	13
14	38.1 B	8.868	5.828	65.5	18.7	7.22	8.38	7.43	3.56	19.4	15.7	12.3 B	14
15	29.8 B	8.928	5.508	55.2	17.8	6.55	17.4	8.02	3.42	17.8	13.8	11.4 B	15
16	32.0 B	8.608	8.288	53.8	16.8	5.83	20.8	7.84	8.81	18.0	14.2	10.7 B	16
17	36.6 B	8.908	12.8 B	53.5	15.4	5.38	14.3	7.63	6.31	16.5	21.2	9.758	17
18	28.3 B	8.358	11.4 B	48.2	13.9	4.98	11.8	6.98	5.68	15.8	44.7	11.0 B	18
19	25.2 B	4.858	10.1 B	44.3	12.2	4.81	10.3	6.35	5.22	15.0	35.6	12.1 B	19
20	22.2 B	4.588	9.208	57.8	10.8	5.08	9.37	5.85	4.42	13.7	31.7	12.0 B	20
21	18.8 B	3.988	8.358	52.1	10.1	4.82	8.48	5.37	4.12	12.4	28.8	11.1 B	21
22	17.6 B	4.768	7.808	51.1	9.08	4.86	8.82	4.88	3.78	11.8	34.3	10.0 B	22
23	15.9 B	25.0 B	7.158	58.8	8.63	4.61	8.88	4.88	3.82	12.4	31.0	9.188	23
24	14.1 B	88.0 B	6.658	70.4	8.18	4.28	6.88	4.43	3.58	11.8	28.8	8.408	24
25	13.2 B	80.0 B	6.188	82.7	7.78	4.36	7.88	4.00	3.88	11.1	28.8	7.828	25
26	12.5 B	34.5 B	5.808	88.0	8.08	4.42	7.18	3.81	3.44	10.8	31.3	7.388	26
27	15.2 B	27.8 B	5.428	82.8	11.1	4.84	6.44	3.71	15.8	9.87	28.4	10.1 B	27
28	17.1 B	23.0 B	5.178	81.4	11.0	4.57	6.02	3.54	20.2	9.40	27.4	18.5 B	28
29	15.2 B		8.308	48.1	11.9	4.27	5.84	3.32	13.8	8.84	26.0	12.7 B	29
30	13.4 B		5.858	45.4	11.1	4.01	5.57	3.12	12.8	8.30	28.8	10.1 B	30
31	16.0 B		5.008		10.1		5.12	3.38		7.88		8.418	31
TOTAL	509.01	401.34	257.02	1 707.52	597.03	288.08	235.69	171.28	173.00	532.27	508.41	532.52	TOTAL
MEAN	18.6	14.3	8.61	55.9	22.5	8.94	7.81	5.63	5.77	17.2	20.3	17.2	MEAN
MAX	48.3	88.0	18.5	128	48.8	24.4	20.8	10.9	20.2	37.0	44.7	54.2	MAX
MIN	8.17	3.88	8.17	8.62	7.78	4.01	2.74	3.08	2.87	7.88	7.78	7.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.0
MAXIMUM DAILY, 128 ON APR 9
MINIMUM DAILY, 2.74 ON JUL 8
MAXIMUM INSTANTANEOUS,
133 AT 09:30 NST ON APR 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 58 48 N
LONG 54 17 08 W
DRAINAGE AREA, 784 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	52 800	JUL	20 400
FEB	34 700	AUG	14 800
MAR	23 100	SEP	14 900
APR	148 000	OCT	48 000
MAY	80 200	NOV	52 800
JUN	23 200	DEC	48 000

TOTAL DISCHARGE, 537 000 dam³

RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR - STATION NO. 02YR002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.188	3.808	7.108	8.408	18.7	2.06	0.885	0.388	0.738	3.58	3.18	5.708	1
2	4.008	3.628	6.408	9.708	15.7	2.21	0.810	0.298	0.688	3.83	3.02	4.808	2
3	3.808	3.488	5.858	11.1 B	15.4	2.27	0.577	0.293	0.598	3.78	2.80	4.358	3
4	3.608	3.318	5.408	13.1 B	15.2	2.23	0.495	0.271	0.594	3.88	2.78	5.808	4
5	3.678	3.188	5.008	14.6	14.6	2.28	0.643	0.288	0.548	3.80	2.58	6.008	5
6	3.588	3.028	4.858	18.0 B	13.8	2.14	0.853	0.337	0.543	3.83	2.61	7.308	6
7	3.478	1.958	4.408	22.5 B	12.4	2.01	0.863	0.341	0.520	3.59	2.50	8.708	7
8	3.368	1.858	4.108	37.5 B	11.5	1.88	0.885	0.414	0.488	4.05	2.38	8.108	8
9	7.208	1.778	3.808	50.0 B	10.5	1.68	0.807	0.888	0.434	4.34	2.28	6.858	9
10	7.008	1.888	3.708	53.3	9.25	1.61	0.838	0.478	0.433	6.20	2.38	6.258	10
11	6.748	1.808	3.858	44.8	8.04	1.42	0.810	0.428	0.418	5.81	2.42	4.808	11
12	6.408	1.518	3.618	36.8	7.30	1.38	0.883	0.371	0.529	5.74	2.50	4.588	12
13	7.408	1.458	3.288	31.4	6.87	1.33	0.848	0.348	1.38	6.58	2.42	4.308	13
14	8.208	1.388	3.188	28.1	6.28	1.28	0.473	0.374	1.85	6.42	2.36	4.008	14
15	8.608	1.328	3.048	26.8	5.83	1.30	0.881	0.522	1.48	6.20	2.37	3.788	15
16	8.408	1.278	4.208	25.3	5.31	1.24	1.13	0.500	1.84	5.88	2.45	3.558	16
17	8.108	1.218	8.608	24.3	4.92	1.16	1.07	0.481	1.88	5.58	2.80	3.318	17
18	7.808	1.178	8.808	24.1	4.60	1.10	0.943	0.492	1.78	7.88	2.93	3.468	18
19	8.908	1.118	8.208	23.7	4.35	1.07	0.833	0.480	1.81	7.81	3.02	3.858	19
20	8.458	1.078	8.808	23.4	3.86	0.877	0.781	0.442	1.87	7.42	3.28	3.758	20
21	8.008	1.038	8.108	22.0	3.25	0.825	0.858	0.384	1.84	8.83	3.57	3.558	21
22	5.588	1.008	7.708	21.0	3.08	0.875	0.848	0.384	1.88	8.56	8.57	3.358	22
23	5.188	4.008	7.208	23.7	2.98	0.868	0.842	0.883	1.88	8.87	8.008	3.208	23
24	4.808	8.208	8.758	30.3	2.86	0.885	0.814	0.758	1.88	8.43	7.408	3.088	24
25	4.488	8.808	8.308	28.9	2.83	0.802	0.881	0.808	1.82	8.02	8.408	2.928	25
26	4.188	8.708	8.808	27.2	2.73	0.870	0.818	0.854	1.84	4.85	5.508	2.888	26
27	3.888	8.408	8.808	24.2	2.70	0.841	0.880	0.808	2.43	4.18	4.888	3.188	27
28	3.658	7.808	7.108	21.6	2.62	0.807	0.871	0.858	2.88	3.83	4.408	3.358	28
29	3.388		7.358	18.5	2.83	0.801	0.803	0.787	3.40	3.62	4.008	3.108	29
30	3.188		7.858	17.9	2.40	0.718	0.448	0.802	3.57	3.44	4.808	2.858	30
31	3.008		7.808		2.20		0.418	0.818		3.32		2.808	31
TOTAL	188.07	83.38	188.81	785.00	221.84	41.247	19.888	16.013	42.708	181.88	108.44	133.82	TOTAL
MEAN	6.38	2.98	6.02	26.5	7.15	1.37	0.631	0.517	1.42	6.22	3.61	4.31	MEAN
MAX	8.60	8.60	8.60	53.3	18.7	2.28	1.13	0.888	3.57	7.81	8.00	8.00	MAX
MIN	3.00	1.03	3.04	8.40	2.20	0.718	0.418	0.288	0.418	3.32	2.28	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.33
MAXIMUM DAILY, 53.3 ON APR 10
MINIMUM DAILY, 0.288 ON AUG 5
MAXIMUM INSTANTANEOUS,
55.4 AT 22:00 NST ON APR 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 35 N
LONG 54 05 25 W
DRAINAGE AREA, 398 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 800	JUL	1 680
FEB	7 200	AUG	1 380
MAR	18 100	SEP	3 880
APR	85 100	OCT	14 000
MAY	19 100	NOV	9 270
JUN	3 880	DEC	11 800

TOTAL DISCHARGE, 188 000 dam³

RATTLE BROOK NEAR BOAT HARBOUR - STATION NO. 02ZC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6358	0.8008	1.58	0.787	3.82	0.718	0.200	0.281	3.83	1.82	0.517	2.58	1
2	0.7808	0.7258	1.14 B	2.32	3.54	2.43	0.188	0.204	1.83	1.40	0.837	2.00	2
3	0.8808	0.6758	0.8808	3.43	3.52	3.01	0.148	0.177	2.07	1.13	1.02	1.82	3
4	0.8308	0.6208	0.7708	2.04	4.28	2.08	0.121	0.167	1.48	8.41	1.88	8.52	4
5	1.15 B	0.5808	0.6788	3.06	3.87	1.84	0.102	0.143	1.09	8.10	1.85	8.06	5
6	1.53 B	0.5428	0.6138	4.38	2.68	1.45	0.081	0.131	0.820	3.34	1.28	3.33	6
7	1.18 B	0.5188	0.5408	5.48	2.15	1.08	0.132	0.170	0.880	2.81	2.15	2.49	7
8	0.8158	0.4828	0.4828	6.27	1.88	0.884	0.283	0.383	0.598	5.85	2.88	2.88	8
9	10.9 B	0.4588	0.4418	7.22	1.68	0.722	0.287	0.588	0.521	5.11	1.78	2.05 B	9
10	8.38	0.4378	0.4108	8.17	1.53	0.583	0.275	0.884	0.480	7.72	2.30	1.73 B	10
11	4.38	0.4108	0.3788	4.02	1.38	0.488	1.08	0.481	0.438	4.02	3.28	1.54 B	11
12	2.87	0.3858	0.3548	3.55	1.20	0.480	2.66	0.385	0.428	2.87	2.48	1.31 B	12
13	4.88	0.3708	0.3308	3.56	1.13	0.558	2.19	0.321	0.398	2.14	2.38	1.19 B	13
14	8.78	0.3508	0.3148	3.18	1.03	0.630	1.38	0.312	0.382	1.81	1.80	1.08 B	14
15	3.87	0.4408	0.2908	2.83	0.818	0.447	1.72	0.588	1.11	1.51	1.42	0.8808	15
16	7.57	0.8858	0.8208	2.52	0.667	0.387	1.56	0.575	4.01	1.27	1.38	0.8008	16
17	5.44	0.5008	2.80 B	3.80	0.783	0.338	1.08	0.842	2.24	1.28	3.25	0.8208	17
18	3.38	0.3818	2.15	2.55	0.681	0.317	0.888	0.458	2.84	1.22	8.78	0.7428	18
19	2.34	0.3308	1.58	3.78	0.582	0.382	0.744	0.358	1.61	1.08	3.83	0.6858	19
20	1.80 B	0.2858	1.28	4.23	0.522	0.412	0.587	0.302	1.32	0.940	3.12	0.6388	20
21	2.00 B	0.2468	1.04 B	3.62	0.470	0.407	0.481	0.278	1.28	0.833	4.54	0.5988	21
22	2.91 B	3.10 B	0.8808	3.53	0.418	0.377	0.483	0.271	1.18	0.843	7.85	0.5608	22
23	2.42 B	18.9	0.7488	8.08	0.381	0.323	0.434	0.258	0.888	1.14	3.82 B	0.5258	23
24	1.92 B	11.3	0.8408	8.08	0.358	0.288	0.376	0.239	0.681	1.08	3.10 B	0.5008	24
25	1.88 B	9.70	0.5808	4.38	0.342	0.255	0.334	0.252	0.917	0.954	2.81 B	0.4788	25
26	1.50 B	3.88	0.5058	3.70	0.825	0.284	0.323	0.440	0.788	0.829	2.30 B	0.4808	26
27	1.33 B	2.48	0.4558	3.52	0.819	0.287	0.305	0.819	7.51	0.732	2.02	0.8108	27
28	1.18 B	1.83	0.4128	3.78	1.10	0.271	0.303	0.512	4.88	0.858	2.58	1.78 B	28
29	1.05 B		0.3628	3.72	1.51	0.240	0.285	0.411	2.80	0.800	4.08	1.29 B	29
30	0.9458		0.3558	3.78	1.17	0.230	0.307	0.331	2.15	0.887	4.01	0.8208	30
31	0.8858		0.3308		0.898		0.282	3.84		0.850		0.7208	31
TOTAL	88.570	55.181	23.815	114.107	45.911	21.830	20.430	14.421	51.175	88.218	82.154	49.788	TOTAL
MEAN	2.78	1.87	0.771	3.80	1.48	0.728	0.859	0.485	1.71	2.20	2.74	1.81	MEAN
MAX	10.9	18.9	2.80	7.22	4.28	3.01	3.48	3.84	7.51	7.72	7.85	8.52	MAX
MIN	0.680	0.248	0.280	0.787	0.342	0.230	0.081	0.131	0.382	0.850	0.517	0.680	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.74
MAXIMUM DAILY, 18.9 ON FEB 23
MINIMUM DAILY, 0.081 ON JUL 6
MAXIMUM INSTANTANEOUS,
23.2 AT 22:45 NST ON FEB 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 27 02 N
LONG 54 51 18 W
DRAINAGE AREA, 42.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 480	JUL	1 770
FEB	4 770	AUG	1 280
MAR	2 070	SEP	4 420
APR	9 880	OCT	5 890
MAY	3 970	NOV	7 100
JUN	1 880	DEC	4 300

TOTAL DISCHARGE, 54 800 dam³

RATTLER BROOK NEAR MCIVERS - STATION NO. 02YL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1848	0.1528	0.3858	0.3728	1.88	0.214	0.178	0.008	0.380	0.528	0.188	0.1908	1
2	0.1778	0.1808	0.3408	0.8008	2.53	0.203	0.112	0.008	0.418	0.487	0.188	0.1708	2
3	0.1708	0.1808	0.3208	0.8008	4.04	0.204	0.081	0.008	0.483	0.389	0.193	0.1558	3
4	0.1858	0.1758	0.3008	0.5808	3.08	0.182	0.026	0.005	0.300	0.980	3.22	0.1488	4
5	0.1588	0.1708	0.2858	0.9508	2.38	0.180	0.053	0.048	0.218	0.707	1.26	0.1328	5
6	0.1548	0.1638	0.2728	2.50 B	1.80	0.181	0.085	0.783	0.183	0.488	0.447	0.1208	6
7	0.1508	0.1608	0.2608	2.10 B	1.58	0.132	0.048	0.728	0.158	0.377	0.383	0.1108	7
8	0.1488	0.1588	0.2508	1.70 B	2.15	0.112	0.040	0.427	0.134	0.528	0.286	0.1008	8
9	0.3508	0.1508	0.2428	1.33 B	1.72	0.088	0.032	0.341	0.111	0.918	0.234	0.1408	9
10	0.9008	0.1468	0.2388	1.10 B	1.40	0.081	0.029	0.278	0.087	8.48	0.425	0.238	10
11	0.7408	0.1408	0.2288	1.02 B	1.10	0.078	0.025	0.184	0.083	1.43	0.877	0.231	11
12	0.6008	0.1378	0.2228	0.978	0.883	0.078	0.025	0.135	0.127	0.474	0.422	0.184	12
13	0.4808	0.1388	0.2188	1.03	1.34	0.076	0.024	0.098	0.152	0.324	0.435	0.185	13
14	0.4008	0.1328	0.2128	1.05	0.883	0.077	0.018	1.18	0.140	0.288	0.317	0.183	14
15	0.3608	0.1288	0.2808	1.15	0.858	0.088	0.017	1.28	0.128	0.242	0.241	0.1808	15
16	0.2958	0.1288	1.13 B	1.10	0.822	0.062	0.017	0.483	0.140	0.238	0.850	0.1428	16
17	0.2858	0.1268	1.80 B	1.23	0.828	0.058	0.013	0.428	0.131	1.88	1.22	0.1308	17
18	0.2488	0.1248	1.20 B	1.74	0.448	0.056	0.010	0.484	0.127	0.782	0.786	0.1168	18
19	0.2408	0.1238	0.8508	2.01	0.345	0.058	0.012	0.280	0.117	0.350	0.448	0.1108	19
20	0.2308	0.1238	0.5708	2.03	0.280	0.058	0.018	0.208	0.104	0.259	0.408	0.1028	20
21	0.2208	0.1218	0.4108	1.28	0.248	0.057	0.013	0.188	0.081	0.208	0.305	0.0848	21
22	0.2108	0.8008	0.3858	0.803	0.208	0.051	0.028	0.233	0.078	0.332	0.446	0.0878	22
23	0.2008	3.00 B	0.3308	1.23	0.191	0.051	0.023	0.422	0.083	0.354	0.4008	0.0828	23
24	0.1858	1.40 B	0.3088	0.842	0.182	0.043	0.018	0.380	0.083	0.334	0.3008	0.0778	24
25	0.1808	0.8008	0.2808	0.850	0.378	0.034	0.014	0.388	0.091	0.288	0.2458	0.0748	25
26	0.1638	0.5208	0.2738	0.824	0.958	0.030	0.014	0.488	0.088	0.218	0.2008	0.1208	26
27	0.1788	0.5228	0.2608	0.834	0.884	0.038	0.012	2.52	0.508	0.188	0.1838	0.1108	27
28	0.1728	0.4408	0.2478	0.834	0.508	0.082	0.008	1.01	0.738	0.188	0.1308	0.1008	28
29	0.1678		0.3008	1.02	0.428	0.258	0.008	0.423	0.488	0.188	0.1888	0.0908	29
30	0.1638		0.8008	1.08	0.347	0.240	0.008	0.248	0.480	0.187	0.2188	0.0828	30
31	0.1578		0.4008		0.293		0.007	0.401		0.174		0.0708	31
TOTAL	8.488	10.338	13.482	35.588	33.882	3.104	0.892	14.037	8.408	20.802	14.748	4.049	TOTAL
MEAN	0.273	0.389	0.434	1.18	1.09	0.103	0.032	0.483	0.214	0.888	0.492	0.131	MEAN
MAX	0.900	3.00	1.80	2.50	4.04	0.258	0.178	2.52	0.738	8.48	3.22	0.238	MAX
MIN	0.148	0.121	0.212	0.372	0.182	0.030	0.007	0.008	0.078	0.174	0.130	0.070	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.484
MAXIMUM DAILY, 8.48 ON OCT 10
MINIMUM DAILY, 0.008 ON AUG 3
MAXIMUM INSTANTANEOUS,
8.17 AT 07:43 NST ON OCT 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 03 34 N
LONG 58 08 19 W
DRAINAGE AREA, 17.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	731	JUL	85.7
FEB	883	AUG	1 210
MAR	1 180	SEP	884
APR	3 070	OCT	1 780
MAY	2 830	NOV	1 270
JUN	288	DEC	350

TOTAL DISCHARGE, 14 300 dam³

NEWFOUNDLAND AND LABRADOR

RATTLING BROOK AT RATTLING BROOK POWERHOUSE - STATION NO. 02YD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.03	4.88	8.33	5.15	13.7	2.27	2.82	0.453	5.75	5.72	5.48	9.17	1
2	9.12	5.88	8.88	5.81	14.0	8.12	2.88	0.170	5.88	5.78	5.78	9.20	2
3	9.17	5.88	8.10	5.83	13.8	4.38	2.84	0.388	5.84	5.84	5.81	9.13	3
4	8.47	7.83	7.62	5.92	13.8	5.36	5.10	0.311	5.52	5.88	5.88	9.17	4
5	5.15	8.54	1.08	7.25	13.8	2.18	2.27	0.453	5.85	5.88	5.80	9.20	5
6	8.57	3.77	3.03	7.85	14.1	2.18	2.15	0.188	5.57	5.17	6.00	8.40	6
7	8.85	1.44	5.48	8.72	14.0	4.05	2.80	0.888	7.02	5.88	5.20	8.57	7
8	7.33	1.10	8.81	9.80	14.0	2.18	3.83	0.481	5.88	5.84	5.72	8.88	8
9	8.00	1.18	8.78	12.8	13.8	3.71	2.84	0.453	5.80	5.72	5.47	9.28	9
10	8.40	1.13	8.24	14.0	14.0	4.48	2.83	0.388	5.88	5.88	5.48	9.03	10
11	7.88	1.10	8.21	14.2	13.8	4.33	2.86	0.453	5.88	5.15	5.78	8.98	11
12	8.81	0.883	8.38	14.5	11.8	3.82	2.75	0.388	5.82	7.63	5.75	8.78	12
13	8.34	1.10	7.58	14.7	8.86	0	2.82	0.388	2.27	5.52	5.88	8.88	13
14	8.15	0.883	6.88	13.9	5.72	0	1.22	0.453	8.84	5.75	5.75	9.14	14
15	8.01	3.00	4.47	14.3	8.84	1.13	0	0.481	5.30	5.88	8.23	9.48	15
16	8.31	2.84	6.88	14.1	8.84	8.04	0.823	0.426	5.83	5.85	3.74	8.08	16
17	7.83	5.47	5.72	14.2	8.84	8.95	0.340	0.851	8.20	8.88	3.81	8.46	17
18	8.24	4.30	5.66	14.4	10.7	8.88	0.585	0.810	5.61	60.0	3.81	8.37	18
19	8.15	2.41	5.88	14.5	8.72	8.78	0.388	0.426	5.78	5.72	3.54	8.14	19
20	8.00	2.32	7.80	14.3	8.83	8.88	0	0.311	5.88	5.55	4.53	8.34	20
21	6.68	0.883	8.34	13.8	8.83	7.28	2.55	0.388	5.85	5.81	4.18	4.53	21
22	8.37	3.11	8.81	13.5	8.87	3.81	0	0.388	5.58	6.00	4.47	4.87	22
23	8.78	7.28	8.85	13.6	8.72	4.60	0.981	3.00	5.88	5.48	4.53	3.38	23
24	8.03	8.80	8.17	13.8	8.84	4.38	0	2.87	5.88	5.87	8.84	3.31	24
25	8.40	7.87	8.83	13.8	8.84	4.60	0.850	2.83	5.88	5.78	4.78	1.78	25
26	8.72	8.71	8.15	13.6	8.84	4.25	0	2.83	7.85	5.82	4.38	1.81	26
27	8.60	7.70	8.87	13.3	8.78	4.47	0	3.14	8.03	5.88	8.37	1.13	27
28	8.83	7.83	8.84	12.8	8.84	2.83	0.821	2.88	5.88	5.84	8.87	1.25	28
29	8.83		7.73	13.5	8.30	2.83	0	5.88	5.52	5.75	8.47	1.30	29
30	8.83		8.78	13.8	4.38	2.83	0.708	5.72	5.51	5.87	8.81	2.32	30
31	8.04		8.38		4.25		0	5.88		5.88		1.38	31
TOTAL	234.88	114.788	232.11	382.93	323.35	129.84	47.284	43.888	178.34	233.72	167.82	190.07	TOTAL
MEAN	7.58	4.10	7.49	12.1	10.4	4.33	1.53	1.42	5.88	7.54	5.59	8.13	MEAN
MAX	9.17	8.88	8.81	14.7	14.1	8.95	5.10	5.88	8.84	60.0	8.81	8.48	MAX
MIN	4.83	0.883	1.08	5.15	4.25	0	0	0.170	2.27	5.15	3.81	1.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.18
MAXIMUM DAILY, 60.0 ON OCT 18
MINIMUM DAILY, 0 ON JUN 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 03 12 N
LONG 55 17 12 W
DRAINAGE AREA, 376 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 300	JUL	4 080
FEB	9 920	AUG	3 800
MAR	20 100	SEP	15 200
APR	31 400	OCT	20 200
MAY	27 900	NOV	14 500
JUN	11 200	DEC	16 400

TOTAL DISCHARGE, 185 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

REGULATED

RAYMOND BROOK AT OUTLET OF BAY BULLS BIG POND - STATION NO. 02ZM022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.87	1.87	1.82	0.018	1.84	1.30	1.38	0.023	0.021	0.018	0.014	0.703	1
2	1.87 A	1.86	1.81	0.018	0.883	0.800	1.41	0.023	0.023	0.018	0.013	1.48	2
3	1.87 A	1.86	1.80	0.021	0.053	0.033	1.41	0.018	0.025	0.018	0.018	1.46	3
4	1.87 A	1.88	1.49	0.021	0.045	0.034	1.38	0.015	0.022	0.017	0.014	0.783	4
5	0.020A	1.84	1.61	0.018	0.048	0.566	1.38	0.018	0.022	0.018	0.014	0.040	5
6	1.87 A	1.81	1.80	0.018	0.042	1.23	1.38	0.018	0.021	0.017	0.014	0.038	6
7	1.87 A	1.90	1.48	0.021	0.041	1.25	1.38	0.018	0.018	0.017	0.012	0.044	7
8	1.83	1.90	1.47	0.026	0.038	1.28	1.38	0.018	0.017	0.020	0.013	0.828	8
9	0.823	1.88	1.46	0.027	0.034	1.28	1.37	0.021	0.021	0.021	0.011	1.83	9
10	0.481	1.87	1.46	0.024	0.033	1.28	1.38	0.018	0.020	0.018	0.012	2.08	10
11	1.26	1.84	1.45	0.024	0.037	1.27	1.34	0.020	0.020	0.021	0.012	1.83	11
12	1.28	1.84	1.41	0.028	0.032	0.888	1.38	0.020	0.023	0.018	0.011	1.82	12
13	0.880	1.83	1.38	0.025	0.031	0.037	1.38	0.021	0.023	0.018	0.012	1.81	13
14	0.728	1.83	1.37	0.028	0.031	0.038	0.784	0.020	0.024	0.021	0.011	1.80	14
15	1.84	1.80	0.885	0.030	0.025	0.037	0.034	0.020	0.023	0.022	0.011	1.15	15
16	1.01	1.77	0.015	0.031	0.023	0.030	0.026	0.022	0.026	0.020	0.011	0.034	16
17	0.020	1.73	0.018	0.028	0.024	0.031	0.023	0.021	0.027	0.018	0.013	0.034	17
18	0.020	1.73	0.014	0.026	0.024	0.032	0.022	0.022	0.024	0.018	0.018	0.035	18
19	0.710	1.72	0.013	0.026	0.023	0.031	0.024	0.023	0.026	0.020	0.018	0.034	19
20	1.44	1.70	0.809	0.028	0.022	0.034	0.024	0.021	0.018	0.018	0.015	0.035	20
21	1.45	1.70	1.21	0.033	0.022	0.028	0.023	0.021	0.020	0.017	0.017	0.387	21
22	1.47	0.708	1.16	0.033	0.023	0.026	0.025	0.021	0.018	0.014	0.017	1.28	22
23	1.48	0.025	1.20	0.043	0.026	0.029	0.023	0.020	0.017	0.018	0.018	1.30	23
24	1.48	0.023	1.19	0.048	0.783	0.031	0.023	0.020	0.018	0.019	0.018	1.30	24
25	1.88	0.020	1.21	0.048	1.27	0.030	0.023	0.020	0.021	0.017	0.018	1.28	25
26	2.04	0.018	1.20	0.838	1.27	0.034	0.028	0.022	0.020	0.014	0.021	1.26	26
27	2.06	0.840	1.20	1.82	1.28	0.038	0.026	0.026	0.020	0.013	0.021	0.888	27
28	2.05	1.80	0.802	1.84	1.28	0.033	0.024	0.021	0.018	0.011	0.838	0.028	28
29	2.00		0.015	1.84	1.28	0.813	0.026	0.023	0.018	0.011	0.808	0.022	29
30	2.01		0.875	1.83	1.28	1.40	0.023	0.021	0.018	0.018	0.028	0.028	30
31	2.00		0.852		1.28		0.024	0.022		0.018		0.028	31
TOTAL	42.480	41.716	32.232	8.143	12.918	13.824	18.091	0.828	0.830	0.845	1.848	25.824	TOTAL
MEAN	1.37	1.49	1.04	0.271	0.417	0.484	0.816	0.020	0.021	0.018	0.058	0.827	MEAN
MAX	2.06	1.88	1.82	1.84	1.84	1.40	1.41	0.025	0.027	0.022	0.828	2.08	MAX
MIN	0.020	0.018	0.013	0.018	0.022	0.026	0.022	0.018	0.018	0.011	0.011	0.022	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.848
MAXIMUM DAILY, 2.06 ON JAN 27
MINIMUM DAILY, 0.011 ON OCT 28
MAXIMUM INSTANTANEOUS,
2.88 AT 13:53 NST ON DEC 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 28 13 N
LONG 52 48 04 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 670	JUL	1 880
FEB	3 600	AUG	84.3
MAR	2 730	SEP	84.4
APR	704	OCT	47.1
MAY	1 120	NOV	142
JUN	1 180	DEC	2 210

TOTAL DISCHARGE, 17 200 dam³

REMARKS - SUBSTANTIAL WATER EXTRACTION FROM DRAINAGE BASIN BY CITY OF ST JOHN'S FOR MUNICIPAL WATER SUPPLY

RIVIERE JOIR NEAR PROVINCIAL BOUNDARY - STATION NO. 02XA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.808	5.508	4.108	4.358	10.88	188	50.1	281	103	83.0	37.6	32.58	1
2	5.708	5.408	4.088	4.208	13.58	164	48.8	201	108	84.1	36.0	30.58	2
3	5.608	5.308	4.008	4.008	17.08	147	50.5	180	128	84.8	34.4	28.08	3
4	5.358	5.258	3.888	4.208	22.08	134	38.8	118	130	84.4	33.7	27.58	4
5	5.208	5.208	3.888	4.408	26.08	182	31.0	113	123	82.0	29.8	26.28	5
6	5.058	5.108	3.848	4.708	60.08	223	27.8	120	108	81.3	32.0	25.08	6
7	7.808	5.058	3.918	5.008	80.08	212	28.1	127	93.1	85.8	33.0	23.58	7
8	7.608	5.008	3.848	5.408	130	183	24.8	128	81.0	80.8	33.3	22.88	8
9	7.808	4.858	3.648	5.808	228	148	23.5	123	71.1	78.1	31.2	21.78	9
10	7.508	4.908	3.608	6.308	313	121	21.8	116	64.8	71.3	31.8	20.88	10
11	7.408	4.858	3.788	6.708	388	89.5	20.3	103	108	68.4	35.2	20.08	11
12	7.308	4.808	3.748	7.208	415	82.3	20.8	90.8	160	61.1	38.3	19.18	12
13	7.208	4.758	3.718	7.808	461	71.6	24.8	78.1	172	58.8	40.2	18.68	13
14	7.108	4.708	3.858	7.808	404	62.8	28.8	67.7	188	64.2	38.0	17.78	14
15	6.858	4.858	3.688	7.308	373	55.8	33.1	60.0	148	62.7	38.0	17.28	15
16	6.858	4.808	3.708	7.008	338	48.8	34.8	55.2	128	60.6	40.7	16.38	16
17	6.758	4.658	3.648	6.808	304	41.7	36.7	64.3	108	48.3	40.5	15.28	17
18	6.658	4.508	4.108	6.608	278	38.7	38.6	74.7	90.5	45.1	42.8	15.88	18
19	6.558	4.488	4.408	6.808	263	36.2	34.2	80.3	77.2	42.0	48.2	17.18	19
20	6.458	4.458	4.858	7.308	238	31.8	32.2	81.2	67.4	38.6	53.8	17.28	20
21	6.358	4.408	4.808	7.708	225	28.7	30.8	75.0	59.8	38.8	54.3	16.88	21
22	6.258	4.358	5.308	8.208	214	25.5	28.1	76.3	54.2	41.0	55.0	16.88	22
23	6.158	4.338	5.808	8.708	223	23.5	25.5	67.4	51.1	46.8	51.8	16.18	23
24	6.058	4.308	6.808	9.208	227	22.4	23.8	59.2	55.6	50.7	48.8	15.88	24
25	6.008	4.258	8.708	9.708	308	20.4	21.8	104	68.3	52.8	46.08	15.18	25
26	5.908	4.208	8.458	9.408	302	18.8	19.7	128	82.8	53.8	43.58	14.88	26
27	5.858	4.188	8.208	9.208	216	19.5	18.3	144	82.7	53.4	41.08	14.28	27
28	5.758	4.158	8.008	9.008	215	33.8	38.5	148	80.2	48.6	38.58	13.88	28
29	5.708		7.808	8.808	212	48.2	178	132	88.4	43.9	36.58	13.28	29
30	5.808		7.848	8.808	220	81.4	280	114	82.8	41.9	34.58	12.48	30
31	5.888		7.508		219		298	98.8		40.1		12.78	31
TOTAL	215.78	132.14	135.84	207.98	5 874.3	2 566.5	1 583.8	3 409.1	2 851.3	1 884.7	1 188.7	598.7	TOTAL
MEAN	6.96	4.72	4.38	6.93	315	85.6	51.1	110	95.4	60.2	40.0	19.2	MEAN
MAX	8.80	5.60	8.90	9.70	461	233	298	281	172	82.0	55.0	32.5	MAX
MIN	5.65	4.15	3.88	4.00	10.8	18.8	18.3	98.2	51.1	38.8	29.8	12.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.0
MAXIMUM DAILY, 461 ON MAY 13
MINIMUM DAILY, 3.888 ON MAR 16
MAXIMUM INSTANTANEOUS
467 AT 15:15 AST ON MAY 13

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 09 50 N
LONG 60 03 34 W
DRAINAGE AREA, 2 080 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 600	JUL	137 000
FEB	11 400	AUG	295 000
MAR	11 700	SEP	255 000
APR	18 000	OCT	161 000
MAY	577 000	NOV	104 000
JUN	222 000	DEC	51 800

TOTAL DISCHARGE, 1 880 000 dam³

ROCKY RIVER NEAR COLINET - STATION NO. 02ZK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.358	10.6 B	15.5 B	9.31	6.83	2.25	1.86	1.87	7.82	10.8	3.38	14.7	1
2	6.468	8.768	16.3 B	24.1	7.98	6.89	1.75	1.54	5.58	7.50	4.08	12.4	2
3	8.618	9.008	13.0 B	38.7	7.43	18.3	1.89	1.27	4.88	6.18	4.83	8.48	3
4	6.428	8.258	11.6 B	28.6	8.06	14.4	1.36	1.10	4.03	12.0	15.6	17.6	4
5	13.0 B	7.708	10.2 B	22.1	6.80	8.92	1.15	0.943	3.37	22.2	16.4	26.0	5
6	20.0 B	7.158	9.258	28.6	7.23	6.84	0.947	0.843	3.04	14.9	9.85	18.2	6
7	14.2 B	6.728	8.158	36.2	6.38	5.32	0.986	2.24	2.82	10.5	8.84	13.0	7
8	11.1 B	6.208	7.358	51.8	5.67	4.24	2.88	4.01	2.31	13.8	11.2	10.7 B	8
9	20.0 B	5.858	8.508	38.8	5.11	3.67	3.48	6.88	2.04	12.9	8.88	9.358	9
10	42.0 B	5.508	8.958	31.8	4.87	3.00	3.37	13.2	1.83	24.7	6.14	8.188	10
11	27.2 B	5.208	8.428	23.8	4.76	2.54	4.48	7.35	1.84	14.8	10.9	7.358	11
12	20.5 B	4.888	8.138	20.1	4.17	2.34	8.78	4.85	1.84	14.7	15.6	6.808	12
13	30.5 B	4.628	6.788	17.1	3.87	2.18	8.03	3.60	1.78	34.4	13.8	6.088	13
14	27.0 B	4.408	6.248	15.8	3.73	2.07	5.28	3.24	1.73	18.4	10.4	5.628	14
15	22.8 B	5.108	8.008	14.0	3.44	1.72	5.87	2.81	2.51	13.8	8.36	5.208	15
16	35.6 B	6.858	7.408	12.3	3.41	1.42	8.34	2.88	28.8	10.8	7.74	4.878	16
17	50.1 B	8.308	18.4 B	13.0	3.41	1.33	4.48	2.88	13.8	9.31	11.7	4.458	17
18	36.8 B	8.808	14.3 B	12.2	3.35	1.21	4.25	2.40	16.3	8.36	32.8	4.858	18
19	29.0 B	8.388	11.2 B	15.4	2.87	1.31	4.52	1.82	12.2	7.33	16.8	5.028	19
20	24.2 B	6.878	8.258	14.8	2.53	3.15	3.72	1.62	7.84	8.68	13.7	5.028	20
21	19.8 B	4.708	10.8 B	12.3	2.51	4.34	2.85	2.34	6.60	8.12	14.0	4.588	21
22	16.3 B	21.0 B	15.1 B	11.8	2.28	3.39	2.48	4.84	6.00	8.48	48.2	4.028	22
23	14.5 B	131 B	12.6 B	28.8	1.98	2.81	2.28	3.48	4.80	8.00	28.1	3.628	23
24	12.8 B	81.0 B	10.2 B	35.2	2.13	2.43	2.18	4.48	4.74	7.42	33.0	3.258	24
25	10.8 B	47.0 B	8.108	18.8	2.21	2.16	1.90	17.8	4.26	8.60	28.1	3.008	25
26	9.258	36.5 B	9.008	15.4	2.13	2.52	1.88	12.2	3.53	5.48	18.8	2.778	26
27	19.0 B	28.3 B	10.1 B	12.0	2.42	3.54	1.47	8.17	7.08	4.81	13.8	7.208	27
28	17.4 B	23.0 B	11.8 B	11.0	2.40	3.21	1.39	8.61	8.88	4.48	11.5	19.3 B	28
29	15.2 B		9.208	8.78	3.03	2.88	1.37	4.48	8.53	4.22	18.7	12.8 B	29
30	13.4 B		10.2 B	9.48	3.17	2.25	2.36	3.58	8.13	3.84	21.3	8.658	30
31	12.2 B		11.6 B		2.83		2.37	4.38		3.43		7.428	31
TOTAL	609.38	473.82	314.88	620.38	134.03	125.23	98.283	138.468	187.43	337.48	470.18	270.38	TOTAL
MEAN	19.7	16.9	10.1	20.7	4.32	4.17	3.17	4.47	6.25	10.8	15.7	8.72	MEAN
MAX	50.1	121	18.5	51.8	9.08	19.3	8.76	17.8	28.8	34.4	48.2	26.0	MAX
MIN	6.42	4.40	4.24	8.31	1.98	1.21	0.947	0.843	1.73	3.43	3.28	2.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 1218 ON FEB 23
MINIMUM DAILY, 0.843 ON AUG 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 13 28 N
LONG 53 34 06 W
DRAINAGE AREA, 285 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 700	JUL	8 480
FEB	40 800	AUG	12 000
MAR	27 200	SEP	18 200
APR	53 800	OCT	28 200
MAY	11 600	NOV	40 800
JUN	10 800	DEC	23 400

TOTAL DISCHARGE, 327 000 dam³

SALMON COVE RIVER NEAR CHAMPNEYS - STATION NO. 02ZJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.930B	0.880B	3.70 B	0.700B	7.59	0.884	0.483	0.400	0.248	0.300	0.873	2.48 B	1
2	0.885B	0.840B	3.10 B	0.830B	7.46	1.09	0.430	0.380	0.219	0.298	0.978	2.28 B	2
3	0.805B	0.800B	2.55 B	1.20 B	7.49	1.32	0.398	0.349	0.238	0.288	0.887	2.06 B	3
4	0.780B	0.580B	2.20 B	1.55 B	7.87	1.21	0.388	0.303	0.282	0.448	1.01	1.90 B	4
5	1.14 B	0.525B	1.85 B	2.15 B	8.08	1.11	0.352	0.276	0.183	0.704	1.08	2.89	5
6	1.08 B	0.485B	1.80 B	2.75 B	7.07	1.05	0.345	0.282	0.188	0.783	1.02	2.78 B	6
7	1.01 B	0.485B	1.40 B	3.80 B	5.80	0.978	0.340	0.278	0.183	0.802	1.02	2.45 B	7
8	0.840B	0.438B	1.25 B	4.50 B	4.82	0.901	0.412	0.388	0.183	1.09	1.04	2.11 B	8
9	2.05 B	0.415B	1.11 B	5.25	4.48	0.818	0.383	0.447	0.167	1.29	1.07	1.83 B	9
10	5.80 B	0.382B	1.02 B	5.48	4.14	0.787	0.388	0.409	0.147	1.82	1.08	1.80 B	10
11	5.00 B	0.371B	0.930B	5.61	3.81	0.893	0.400	0.355	0.181	1.58	1.10	1.40 B	11
12	4.30 B	0.357B	0.850B	5.50	3.49	0.883	0.410	0.320	0.170	1.58	1.11	1.23 B	12
13	3.80 B	0.340B	0.780B	5.07	3.20	0.888	0.404	0.301	0.184	1.71	1.09	1.11 B	13
14	3.15 B	0.327B	0.730B	5.81	2.87	0.714	0.383	0.328	0.202	1.72	1.05	1.01 B	14
15	2.72 B	0.311B	0.680B	5.85	2.65	0.726	0.800E	0.355	0.182	1.70	0.994	0.820B	15
16	2.46 B	0.301B	1.05 B	5.81	2.51	0.745	1.05 E	0.324	0.241	1.65	1.10	0.850B	16
17	2.12 B	0.291B	2.10 B	5.88	2.31	0.881	1.02 E	0.305	0.228	1.78	1.22	0.810B	17
18	1.85 B	0.282B	2.85 B	5.13	2.17	0.577	0.970E	0.287	0.211	1.82	1.87	1.00 B	18
19	1.82 B	0.273B	2.20 B	5.80	2.00	0.535	0.900E	0.239	0.186	1.78	1.85	1.20 B	19
20	1.46 B	0.267B	1.85 B	7.09	1.79	0.619	0.810E	0.201	0.181	1.70	1.84	1.11 B	20
21	1.30 B	0.280B	1.39 B	7.22	1.62	0.645	0.725E	0.199	0.158	1.64	1.70	1.01 B	21
22	1.17 B	0.408B	1.21 B	7.25	1.45	0.591	0.650E	0.186	0.175	1.58	3.86	0.910B	22
23	1.07 B	1.62 B	1.03 B	8.21	1.27	0.552	0.615E	0.187	0.187	1.59	3.47	0.840B	23
24	0.985B	5.80 B	0.920B	9.56	1.21	0.498	0.585E	0.204	0.188	1.52	3.89	0.760B	24
25	0.875B	7.20 B	0.830B	9.54	1.14	0.483	0.555E	0.227	0.165	1.30	3.70 B	0.740B	25
26	0.810B	6.25 B	0.780B	9.39	1.08	0.474	0.530E	0.301	0.151	1.28	3.85 B	0.880B	26
27	0.735B	5.03 B	0.680B	9.02	1.05	0.477	0.513A	0.298	0.244	1.26	3.21 B	1.00 B	27
28	0.675B	4.22 B	0.640B	8.64	1.04	0.488	0.487	0.258	0.267	1.23	2.90 B	0.930B	28
29	0.630B		0.630B	8.39	1.09	0.480	0.448	0.212	0.272	1.17	2.85 B	0.870B	29
30	0.600B		0.770B	7.93	1.08	0.486	0.488	0.173	0.277	1.11	2.80 B	0.820B	30
31	0.635B		0.740B		1.02		0.442	0.200		0.939		0.760B	31
TOTAL	82.935	40.125	43.630	175.740	104.88	21.929	17.052	8.987	5.991	38.282	54.312	42.540	TOTAL
MEAN	1.71	1.43	1.41	5.86	3.38	0.731	0.550	0.290	0.200	1.27	1.81	1.37	MEAN
MAX	5.80	7.20	3.70	9.56	8.08	1.32	1.05	0.447	0.287	1.82	3.89	2.89	MAX
MIN	0.600	0.280	0.680	0.700	1.02	0.483	0.340	0.173	0.147	0.288	0.973	0.740	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.65
MAXIMUM DAILY, 9.56 ON APR 24
MINIMUM DAILY, 0.147 ON SEP 9
MAXIMUM INSTANTANEOUS,
10.1 AT 20 37 NST ON APR 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 23 45 N
LONG 53 18 05 W
DRAINAGE AREA, 73.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 570	JUL	1 470
FEB	3 470	AUG	778
MAR	3 770	SEP	518
APR	15 200	OCT	3 300
MAY	9 050	NOV	4 690
JUN	1 890	DEC	3 680

TOTAL DISCHARGE, 62 500 dam³

SALMON RIVER AT BAY D'ESPOIR POWERHOUSE - STATION NO. 02ZE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	139	125	182	318	197	162	97.5	90.9	115	182	127	260	1
2	167	160	173	186	164	160	94.2	99.5	101	188	128	265	2
3	220	239	232	239	188	142	84.2	93.8	88.4	144	208	270	3
4	152	186	224	237	259	121	82.7	100	104	126	179	258	4
5	233	277	221	228	214	163	91.2	99.5	113	149	211	231	5
6	233	284	224	221	179	155	135	80.8	111	150	214	244	6
7	218	185	276	164	145	148	116	126	100	133	184	200	7
8	202	189	278	110	207	145	121	116	110	104	155	287	8
9	136	183	274	154	212	162	107	115	73.2	134	185	327	9
10	163	184	238	202	196	172	102	109	75.7	148	147	314	10
11	183	177	284	177	213	178	128	115	127	150	107	288	11
12	182	128	282	185	187	187	143	86.5	133	144	118	295	12
13	108	187	222	182	225	183	148	94.5	130	178	168	248	13
14	181	211	204	185	219	205	148	128	138	147	188	218	14
15	103	175	159	174	249	143	150	121	131	121	180	202	15
16	114	214	141	138	240	133	123	142	113	132	130	188	16
17	151	285	151	220	224	88.1	131	174	113	125	118	178	17
18	187	330	187	201	233	88.8	134	183	135	140	128	208	18
19	180	233	173	184	226	120	118	187	157	124	168	174	19
20	201	207	208	228	187	118	107	190	152	146	216	169	20
21	244	188	222	244	173	138	138	145	145	123	218	232	21
22	239	135	182	187	179	132	138	116	193	80.8	213	280	22
23	183	136	251	152	190	148	121	120	138	143	300	248	23
24	126	183	190	172	178	89.7	87.4	118	101	133	302	220	24
25	118	244	154	174	183	120	105	105	139	143	284	113	25
26	181	205	201	247	188	131	108	121	185	172	288	124	26
27	132	205	225	258	140	111	127	92.2	149	151	306	188	27
28	136	169	208	258	135	102	138	109	152	192	282	273	28
29	130		198	235	148	89.4	118	95.0	155	176	223	270	29
30	138		286	209	139	105	80.9	88.1	134	175	289	248	30
31	137		238		132		88.8	122		132		230	31
TOTAL	5 186	5 623	6 586	6 028	5 695	4 180.0	3 811.8	3 672.2	3 750.3	4 529.8	5 931	7 267	TOTAL
MEAN	167	201	212	201	190	139	117	118	125	146	198	234	MEAN
MAX	244	330	278	318	259	205	150	190	185	192	308	327	MAX
MIN	103	125	141	110	125	88.8	80.9	88.1	73.2	80.8	107	113	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 170
MAXIMUM DAILY, 330 ON FEB 18
MINIMUM DAILY, 73.2 ON SEP 9

DATA CONTRIBUTED BY -
NEWFOUNDLAND AND LABRADOR HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 58 00 N
LONG 55 51 12 W
DRAINAGE AREA, 5 810 km²

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	446 000	JUL	312 000
FEB	488 000	AUG	317 000
MAR	588 000	SEP	324 000
APR	521 000	OCT	381 000
MAY	508 000	NOV	512 000
JUN	358 000	DEC	627 000

TOTAL DISCHARGE, 5 370 000 dam³

SALMON RIVER NEAR GLENWOOD - STATION NO. 02YG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.400 B	0.570 B	0.800 B	1.80 B	3.10	0.526	0.132	0.088	0.853	1.92	0.760	1.30 B	1
2	0.345 B	0.850 B	0.880 B	2.40 B	3.24	0.859	0.121	0.072	0.886	1.56	0.710	1.25 B	2
3	0.300 B	0.890 B	0.880 B	3.20 B	3.54	0.833	0.112	0.048	0.702	1.38	0.724	0.840 B	3
4	0.265 B	0.850 B	0.520 B	4.60 B	4.31	0.883	0.097	0.048	0.858	1.27	0.811	1.10 B	4
5	0.338 B	0.600 B	0.480 B	7.50 B	4.07	0.809	0.106	0.051	0.586	1.38	1.10	1.25 B	5
6	0.380 B	0.470 B	0.440 B	12.0 B	3.12	0.806	0.113	0.089	0.826	1.28	0.882	1.10 B	6
7	0.480 B	0.450 B	0.400 B	18.0 B	2.43	0.846	0.105	0.130	0.442	1.21	0.889	0.880 B	7
8	0.510 B	0.420 B	0.378 B	22.0 B	1.88	0.478	0.106	0.283	0.411	2.84	0.812	0.880 B	8
9	0.514 B	0.400 B	0.358 B	25.0 B	1.88	0.427	0.126	1.42	0.384	3.81	0.883	0.800 B	9
10	0.630 B	0.378 B	0.338 B	18.0 B	1.85	0.341	0.134	1.67	0.305	8.22	0.857	0.700 B	10
11	1.05 B	0.358 B	0.318 B	8.36	1.35	0.288	0.138	1.34	0.282	8.63	1.20	0.640 B	11
12	1.40 B	0.338 B	0.308 B	5.19	1.18	0.271	0.192	0.933	0.330	3.88	1.21	0.540 B	12
13	1.85 B	0.318 B	0.288 B	4.77	1.13	0.276	0.216	0.638	0.804	2.73	1.40	0.700 B	13
14	1.80 B	0.300 B	0.268 B	4.00	1.08	0.324	0.288	0.613	1.87	2.18	1.37	0.800 B	14
15	1.40 B	0.280 B	0.260 B	4.08	1.02	0.347	0.450	2.24	1.93	1.84	1.18	0.540 B	15
16	1.25 B	0.265 B	0.400 B	4.44	1.06	0.366	1.13	2.03	1.61	1.67	1.21	0.480 B	16
17	1.10 B	0.250 B	0.700 B	4.67	1.08	0.308	1.15	1.86	1.77	2.58	1.47	0.420 B	17
18	1.00 B	0.238 B	1.15 B	4.88	1.02	0.283	1.01	1.26	1.82	3.84	1.73	0.540 B	18
19	0.920 B	0.226 B	2.30 B	4.84	0.888	0.284	0.718	1.01	1.21	2.88	1.87	0.660 B	19
20	0.850 B	0.216 B	2.00 B	4.68	0.747	0.257	0.571	0.776	0.927	2.28	1.86	0.770 B	20
21	0.780 B	0.210 B	1.70 B	4.85	0.814	0.217	0.440	0.603	0.717	1.78	1.47	0.870 B	21
22	0.780 B	0.278 B	1.44 B	3.85	0.672	0.211	0.331	0.518	0.861	1.54	3.83	0.800 B	22
23	0.700 B	0.400 B	1.23 B	4.98	0.547	0.211	0.285	0.888	0.481	1.38	2.10 B	0.580 B	23
24	0.880 B	1.00 B	1.05 B	5.84	0.478	0.221	0.263	1.19	0.478	1.18	1.80 B	0.480 B	24
25	0.630 B	1.80 B	0.900 B	6.67	0.456	0.206	0.215	1.33	0.438	1.07	1.85 B	0.400 B	25
26	0.800 B	1.40 B	0.800 B	4.73	0.419	0.181	0.209	1.51	0.383	1.08	1.45 B	0.600 B	26
27	0.580 B	1.15 B	0.700 B	3.88	0.448	0.204	0.180	1.30	3.87	1.00	1.30 B	0.800 B	27
28	0.560 B	0.980 B	0.630 B	3.19	0.488	0.182	0.162	1.01	8.10	0.950	1.15 B	0.720 B	28
29	0.520 B		0.570 B	3.13	0.784	0.181	0.134	0.806	3.92	0.870	1.00 B	0.660 B	29
30	0.500 B		0.800 B	3.15	0.743	0.188	0.123	0.841	2.67	0.848	1.40 B	0.580 B	30
31	0.480 B		1.10 B		0.508		0.098	0.586		0.808		0.500 B	31
TOTAL	23.819	14.985	23.783	232.48	45.862	10.351	9.426	26.811	36.812	87.748	39.588	22.580	TOTAL
MEAN	0.782	0.534	0.768	7.42	1.47	0.345	0.304	0.858	1.22	2.18	1.32	0.728	MEAN
MAX	1.85	1.80	2.30	25.0	4.31	0.883	1.15	2.24	8.10	8.22	3.83	1.30	MAX
MIN	0.265	0.210	0.260	1.80	0.418	0.188	0.097	0.048	0.282	0.808	0.710	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 25.0 B ON APR 9
MINIMUM DAILY, 0.048 BN AUG 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 41 N
LONG 54 55 03 W
DRAINAGE AREA, 80.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 040	JUL	814
FEB	1 290	AUG	2 300
MAR	2 060	SEP	3 180
APR	19 200	OCT	5 850
MAY	3 950	NOV	3 420
JUN	894	DEC	1 950

TOTAL DISCHARGE, 46 900 dam³

SALMONIER RIVER NEAR LAMALINE - STATION NO. 02ZC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.578	3.90 B	2.35 B	15.5	5.10	1.69	1.20	0.888	1.88	3.15	0.983	7.57	1
2	2.428	4.01 B	1.81 B	24.7	4.74	11.1	1.02	0.583	1.55	2.20	3.88	8.47	2
3	2.118	3.60 B	1.42 B	31.2	4.41	11.6	0.872	0.533	5.21	1.76	3.86	8.52	3
4	1.928	2.15 B	1.14 B	16.8	5.08	8.38	0.784	0.475	4.18	4.21	5.83	10.7	4
5	8.008	1.87 B	0.880 B	13.7	5.11	6.45	0.702	0.603	2.92	8.39	5.87	13.0	5
6	10.1 B	1.28 B	0.830 B	17.2	4.28	5.52	0.576	0.473	2.31	5.62	4.30	8.01	6
7	7.308	1.03 B	0.700 B	23.1	3.58	3.64	0.732	1.18	1.85	4.38	4.30	5.82	7
8	5.928	0.850 B	0.620 B	28.1	2.81	2.83	1.87	2.01	1.39	5.80	5.80	5.89	8
9	11.1 B	0.740 B	0.528 B	26.8	2.41	2.11	1.88	3.47	1.22	7.52	4.51	14.8 B	9
10	14.9 B	0.658 B	0.478 B	18.5	2.08	1.83	1.80	4.16	1.01	11.4	5.68	10.1 B	10
11	13.0 B	0.560 B	0.428 B	13.1	1.84	1.28	2.26	3.35	1.01	8.19	7.81	7.458	11
12	11.8 B	0.500 B	0.380 B	10.3	1.67	1.58	5.80	2.63	1.98	7.37	8.22	8.008	12
13	18.0 B	0.442 B	0.340 B	10.8	1.84	2.06	5.18	2.57	2.97	7.77	5.50	5.058	13
14	20.0 B	0.388 B	0.308 B	8.40	1.41	1.70	4.08	4.81	1.78	5.60	4.10	4.248	14
15	19.8 B	0.510 B	0.328 B	8.38	1.33	1.38	4.08	8.85	5.08	4.11	3.89	3.848	15
16	19.9 B	0.658 B	2.00 B	8.22	1.28	1.10	3.38	7.00	22.3	3.05	3.86	3.108	16
17	18.7 B	0.510 B	4.25 B	8.73	1.16	0.970	2.61	4.80	11.7	2.91	5.33	2.828	17
18	11.3 B	0.400 B	7.05 B	8.80	1.05	0.824	3.34	3.32	8.00	2.24	14.8	2.488	18
19	8.008	0.318 B	3.90 B	8.53	0.905	0.780	3.18	2.41	5.56	1.92	10.3	2.208	19
20	7.308	0.272 B	2.25 B	11.0	0.809	0.920	2.85	1.78	3.84	1.83	7.91	2.018	20
21	8.108	0.221 B	1.53 B	10.8	0.730	0.804	2.38	1.43	5.52	1.44	6.73	1.848	21
22	6.388	8.10 B	2.80 B	8.32	0.886	0.743	1.78	1.31	5.10	1.90	12.8	1.718	22
23	4.428	37.1 B	5.21 B	14.4	0.872	0.718	1.36	1.18	3.82	2.58	8.37	1.588	23
24	3.678	24.2 B	3.30 B	15.3	0.812	0.698	1.17	1.04	3.28	2.30	10.3	1.478	24
25	3.428	15.9 B	2.32 B	11.7	0.828	0.832	0.985	1.01	4.59	2.12	8.30	1.368	25
26	3.058	10.5 B	1.78 B	8.48	2.88	1.14	0.722	1.11	3.56	1.79	5.92	1.288	26
27	4.158	8.40 B	8.00 B	8.69	3.34	1.86	0.697	1.10	10.5	1.61	5.54	2.488	27
28	5.258	4.80 B	12.8	8.30	3.48	1.60	0.654	0.871	10.7	1.32	4.99	4.228	28
29	4.058		15.5	5.77	4.24	1.42	0.682	0.748	6.28	1.18	10.5	3.308	29
30	3.308		16.9	5.84	3.38	1.40	0.655	0.677	4.12	1.06	10.4	2.428	30
31	3.448		18.9		2.88		0.786	1.21		1.02		1.998	31
TOTAL	250.84	126.198	117.901	399.07	78.012	79.178	80.617	87.242	145.58	116.08	200.343	151.74	TOTAL
MEAN	8.08	4.58	3.80	13.3	2.46	2.84	1.88	2.17	4.85	3.74	6.88	4.89	MEAN
MAX	20.0	37.1	18.9	31.2	5.11	11.8	8.80	8.85	22.3	11.4	14.8	14.8	MAX
MIN	1.82	0.221	0.308	5.84	0.812	0.832	0.575	0.473	1.01	1.02	0.983	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.81
MAXIMUM DAILY, 37.18 ON FEB 23
MINIMUM DAILY, 0.2218 ON FEB 21

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 52 29 N
LONG 55 46 38 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 600	JUL	5 240
FEB	11 100	AUG	5 810
MAR	10 200	SEP	12 600
APR	34 500	OCT	10 000
MAY	6 870	NOV	17 300
JUN	8 840	DEC	13 100

TOTAL DISCHARGE, 155 000 dam³

NEWFOUNDLAND AND LABRADOR

SANDY BROOK AT SANDY BROOK POWERHOUSE - STATION NO. 02YB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.42	4.70	12.0	1.75	18.5	8.48	2.52	1.18	7.35	5.21	17.1	8.90	1
2	4.30	4.64	17.5	7.70	16.5	8.38	1.82	0	7.32	3.74	17.8	9.17	2
3	2.38	2.68	13.5	5.89	20.4	11.8	1.76	0.706	5.84	6.84	9.20	9.81	3
4	3.77	4.93	10.5	8.48	24.8	10.8	1.50	0	4.82	4.02	8.30	9.80	4
5	5.13	2.94	14.0	13.8	26.8	7.82	1.38	0	5.04	7.28	9.06	8.41	5
6	4.38	3.82	8.85	16.0	24.5	8.85	3.03	0.510	4.11	7.86	8.57	8.88	6
7	5.10	5.30	10.1	17.0	21.9	8.81	1.43	0.863	2.10	3.98	6.44	8.89	7
8	4.87	1.73	8.77	18.4	19.8	17.0	1.42	6.51	3.86	4.55	6.43	8.87	8
9	5.80	3.31	8.03	22.8	18.5	10.8	1.27	1.81	3.81	7.78	6.31	8.81	9
10	5.44	2.41	4.90	26.0	16.4	17.5	3.13	2.80	3.84	16.3	8.94	8.72	10
11	8.89	3.84	5.13	22.8	16.8	7.82	1.02	1.78	4.80	11.8	8.28	7.23	11
12	3.28	4.42	8.15	20.0	18.1	14.8	2.55	2.44	3.74	8.83	8.88	5.84	12
13	8.86	2.28	4.70	17.8	15.8	12.8	0.706	0.851	3.71	8.80	7.05	6.48	13
14	8.81	3.84	3.00	15.7	10.8	10.8	2.86	0	5.18	10.6	8.77	8.86	14
15	8.18	2.72	3.88	16.8	11.7	11.8	0	4.18	8.18	8.30	8.86	8.03	15
16	8.71	3.43	8.81	18.8	17.0	7.82	2.88	10.4	5.01	8.27	4.78	8.48	16
17	7.86	7.86	8.74	18.8	8.84	8.08	2.80	8.84	8.23	11.7	8.38	8.18	17
18	8.18	2.78	8.44	18.7	10.8	8.81	0.706	8.88	2.88	14.7	18.3	8.00	18
19	8.78	4.13	7.36	18.8	8.88	8.78	1.84	4.88	8.30	11.1	8.07	8.82	19
20	8.12	1.70	7.80	18.8	8.12	8.40	2.87	8.84	10.8	7.88	12.8	8.84	20
21	8.31	1.44	8.30	18.8	8.27	10.1	0	3.00	8.30	10.8	12.8	8.41	21
22	8.86	8.86	8.84	18.8	8.41	8.84	1.33	4.87	0	7.82	18.1	8.34	22
23	7.02	8.82	8.27	18.8	8.00	8.84	0	10.8	3.81	8.87	8.88	8.27	23
24	4.82	8.18	8.84	18.8	1.10	3.81	1.88	4.38	3.84	13.2	13.0	2.84	24
25	4.47	4.87	8.88	18.7	14.2	4.11	0.906	11.8	0	4.70	12.3	4.88	25
26	4.18	8.84	8.88	18.2	18.8	4.83	0	7.73	0	7.84	13.8	8.82	26
27	3.87	8.12	8.81	17.8	11.3	4.22	2.34	8.12	8.81	8.82	14.2	4.28	27
28	4.18	8.00	3.14	18.8	8.40	2.48	0	8.88	4.80	8.72	8.84	8.84	28
29	4.16		8.34	18.2	18.8	3.52	2.48	8.88	7.33	8.38	10.8	4.81	29
30	3.82		8.82	18.2	10.8	2.88	0	4.30	3.74	8.88	8.71	4.42	30
31	3.88		8.12		8.84		1.27	3.71		7.88		2.24	31
TOTAL	180.83	118.21	235.07	818.81	442.44	285.28	45.802	134.182	138.18	285.83	302.22	190.08	TOTAL
MEAN	8.47	4.26	7.88	17.3	14.2	8.51	1.47	4.33	4.31	8.28	10.1	8.13	MEAN
MAX	8.88	8.00	17.8	28.0	28.8	17.8	3.03	11.8	10.8	16.3	18.1	8.80	MAX
MIN	2.38	1.44	3.00	1.75	1.10	2.48	0	0	0	3.74	4.78	2.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.87
MAXIMUM DAILY, 28.8 ON MAY 8
MINIMUM DAILY, 0 ON JUL 18

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 53 18 N
LONG 55 48 14 W
DRAINAGE AREA, 508 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 800	JUL	3 940
FEB	10 200	AUG	11 500
MAR	20 300	SEP	11 200
APR	44 900	OCT	22 300
MAY	38 200	NOV	28 100
JUN	22 100	DEC	18 400

TOTAL DISCHARGE, 242 000 dam³

SEAL COVE BROOK NEAR CAPPAHAYDEN - STATION NO. 02ZH009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.55 B	5.87	2.08	2.82	1.81	0.830	1.82	1.88	1.28	1.83	0.888	5.85	1
2	2.16 B	4.18	1.88	12.8	1.88	0.808	1.23	1.48	1.12	1.38	0.893	3.78	2
3	1.80 B	2.81	1.42	8.38	1.84	2.86	1.07	1.31	1.46	1.15	0.897	3.71	3
4	2.18	2.20	1.22	5.53	1.98	3.31	0.883	1.18	1.47	1.24	1.34	4.81	4
5	2.82	1.84	1.04	8.82	2.01	2.48	0.785	0.937	1.18	2.81	1.78	8.83	5
6	3.38	1.34	1.33	7.17	1.84	1.97	0.887	0.878	0.888	2.48	1.37	4.83	6
7	2.83	1.08 B	1.21 B	8.82	1.81	1.81	0.713	0.884	0.838	2.08	1.48	3.32	7
8	1.98	0.8008	1.11 B	9.38	1.44	1.22	8.87	0.858	0.788	3.05	3.18	3.78 B	8
9	8.88	0.8108	1.00 B	9.02	1.33	1.08	8.28	0.878	0.873	3.34	1.88	3.38 B	9
10	11.8	0.7208	0.8908	7.00	1.20	0.946	4.44	0.851	0.813	8.88	1.77	2.10 B	10
11	8.87	0.8408	0.811	8.33	1.11	0.841	4.77	0.808	0.810	4.42	2.43	1.87 B	11
12	4.28	0.8758	0.788	4.12	1.01	1.42	4.47	0.798	0.828	4.88	2.84	1.88 B	12
13	8.84	0.8208	0.723	2.30	0.885	2.48	4.08	0.713	0.884	8.88	4.18	1.88	13
14	8.72	0.4808	0.858	2.87	0.782	1.88	2.87	0.724	0.838	8.18	3.18	1.41	14
15	8.31	0.802	0.847	2.87	0.807	1.43	10.0	0.788	0.802	4.28	2.44	1.28	15
16	14.2	1.18	4.28	2.20	0.880	1.14	7.18	0.748	3.88	2.84	3.08	1.08	16
17	11.0	1.07 B	11.0	2.21	0.882	0.847	4.38	0.788	2.38	2.38	1.88	0.881	17
18	8.88	0.8408	8.88	2.14	0.882	0.828	4.04	0.748	2.13	1.88	3.28	0.852	18
19	4.17	0.888	8.88	2.12	0.748	0.748	4.77	0.888	1.72	1.88	2.81	0.881	19
20	2.73	0.807	8.88	2.18	0.703	0.894	3.84	0.840	1.37	1.37	2.20	1.02	20
21	1.87 B	0.732	3.84	2.28	0.858	1.28	2.83	0.821	1.21	1.18	3.80	1.01	21
22	1.87 B	4.83	8.74	2.32	0.807	1.29	1.87	2.88	1.03	1.17	8.38	0.824	22
23	1.28 B	22.4	8.58	8.28	0.898	1.24	1.81	2.28	0.818	1.44	8.32	0.878	23
24	1.08 B	18.2	3.48	8.83	0.884	1.18	1.27	1.72	0.885	1.48	8.38	0.822	24
25	0.8408	8.18	2.42	8.31	0.842	1.08	1.07	1.47	0.833	1.14	8.47	0.783	25
26	0.8808	8.21	2.88	4.11	0.487	3.24	0.938	1.28	0.830	1.04	8.40	0.781	26
27	1.13	4.13	2.88	3.18	0.483	4.72	0.838	1.18	0.815	0.838	3.88	3.82	27
28	1.84	2.80	2.32	2.88	0.438	3.17	0.728	1.82	0.812	0.848	2.73	4.48	28
29	1.41		2.48	2.23	0.888	2.41	0.741	0.878	0.812	0.788	7.80	3.78	29
30	1.24		3.88	1.88	0.847	1.88	2.23	0.781	1.17	0.783	8.83	1.87	30
31	2.78		2.83		0.834		2.71	0.838		0.738		1.88	31
TOTAL	128.820	88.881	89.808	144.80	31.343	80.818	88.174	33.384	33.888	78.488	104.388	70.083	TOTAL
MEAN	4.08	3.42	2.88	4.82	1.01	1.88	2.84	1.08	1.12	2.47	3.48	2.28	MEAN
MAX	14.2	22.4	11.0	12.8	2.01	4.72	10.0	2.80	2.88	8.88	8.24	8.83	MAX
MIN	0.858	0.488	0.847	1.88	0.438	0.838	0.887	0.840	0.838	0.738	0.888	0.781	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.88
MAXIMUM DAILY, 22.4 ON FEB 22
MINIMUM DAILY, 0.438 ON MAY 28
MAXIMUM INSTANTANEOUS,
25.0 AT 10:01 NST ON FEB 22

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 50 N
LONG 52 58 27 W
DRAINAGE AREA, 93.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	7 920
FEB	8 280	AUG	2 880
MAR	7 740	SEP	3 800
APR	13 800	OCT	8 810
MAY	3 710	NOV	8 010
JUN	4 370	DEC	8 080

TOTAL DISCHARGE, 81 800 dam³

SHEARSTOWN BROOK AT SHEARSTOWN - STATION NO. 02ZL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6808	0.3688	0.501	0.417	0.471	0.168	0.180	0.128	0.220	0.530	0.288	0.988	1
2	0.5508	0.4008	0.501	2.97	0.468	0.303	0.173	0.087	0.213	0.383	0.338	0.871	2
3	0.4488	0.3338	0.4188	3.87	0.468	0.810	0.188	0.081	0.193	0.298	0.388	0.581	3
4	0.6008	0.3088	0.3888	1.83	0.808	0.498	0.148	0.078	0.188	0.483	0.988	1.88	4
5	1.34 B	0.2808	0.3308	1.83	0.488	0.387	0.133	0.072	0.180	0.888	0.977	2.88	5
6	0.6008	0.2688	0.3828	3.38	0.417	0.318	0.118	0.078	0.143	0.845	0.888	1.28	6
7	0.7028	0.2488	0.2888	4.84	0.368	0.287	0.121	0.184	0.107	0.488	0.948	0.867	7
8	0.5348	0.2308	0.2448	4.87	0.335	0.234	0.178	0.234	0.088	0.521	0.788	0.8508	8
9	1.00 B	0.2198	0.2208	4.08	0.304	0.202	0.178	0.382	0.088	0.548	0.538	0.5858	9
10	4.88	0.2088	0.2118	2.74	0.281	0.187	0.184	0.588	0.093	1.20	0.474	0.4858	10
11	2.84	0.1988	0.2008	2.11	0.271	0.178	0.328	0.337	0.089	0.850	0.882	0.4188	11
12	1.78	0.1808	0.1678	1.78	0.258	0.174	0.367	0.248	0.089	0.780	1.05	0.3828	12
13	1.57	0.1638	0.1588	1.38	0.258	0.178	0.308	0.213	0.087	2.88	0.943	0.3538	13
14	2.71	0.1788	0.220	1.08	0.248	0.178	0.248	0.188	0.084	1.24	0.848	0.3288	14
15	1.88	0.1718	0.243	0.978	0.234	0.178	0.371	0.187	0.124	0.788	0.528	0.3088	15
16	3.48	0.1678	3.10	0.887	0.241	0.188	0.378	0.178	0.813	0.870	0.582	0.2818	16
17	3.84	0.1628	3.10	0.827	0.248	0.171	0.257	0.181	0.478	0.847	0.988	0.2888	17
18	1.78	0.1588	1.88	0.741	0.237	0.148	0.237	0.158	0.538	0.578	3.28	0.2808	18
19	1.01	0.1538	0.807	0.883	0.188	0.188	0.218	0.134	0.428	0.488	1.48	0.3528	19
20	0.788	0.1518	0.884	0.882	0.182	0.318	0.184	0.118	0.288	0.414	0.884	0.3288	20
21	0.888	0.1488	0.8388	0.738	0.183	0.388	0.188	0.134	0.257	0.388	1.07	0.2858	21
22	0.8158	3.00 B	0.8828	0.883	0.177	0.388	0.188	0.174	0.238	0.484	4.41	0.2628	22
23	0.4888	10.9	0.8088	2.18	0.173	0.367	0.181	0.173	0.202	0.631	2.28	0.2408	23
24	0.4058	5.83	0.4988	1.84	0.188	0.348	0.188	0.180	0.188	0.487	2.18	0.2228	24
25	0.3788	3.48	0.4388	1.13	0.178	0.318	0.148	0.388	0.183	0.428	1.71	0.2038	25
26	0.3438	1.81	0.3878	0.848	0.178	0.283	0.118	0.308	0.158	0.378	1.17	0.1928	26
27	0.3208	1.08	0.3608	0.884	0.178	0.348	0.108	0.238	0.273	0.358	0.803	0.5008	27
28	0.3028	0.738	0.3388	0.588	0.167	0.384	0.088	0.208	0.354	0.348	0.711	2.62	28
29	0.2808		0.4288	0.588	0.182	0.348	0.088	0.183	0.261	0.333	1.58	0.627	29
30	0.2688		0.7888	0.531	0.182	0.317	0.138	0.171	0.424	0.313	1.84	0.3808	30
31	0.3108		0.474		0.188		0.144	0.172		0.301		0.2898	31
TOTAL	38.284	32.876	18.758	80.118	8.437	7.787	5.947	6.041	7.070	19.300	34.434	19.833	TOTAL
MEAN	1.17	1.16	0.808	1.87	0.272	0.260	0.182	0.188	0.236	0.623	1.18	0.840	MEAN
MAX	4.88	10.8	3.10	4.87	0.808	0.810	0.378	0.588	0.813	2.88	4.41	2.88	MAX
MIN	0.288	0.148	0.178	0.417	0.188	0.148	0.088	0.072	0.088	0.288	0.288	0.182	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.878
MAXIMUM DAILY, 10.9 ON FEB 23
MINIMUM DAILY, 0.072 ON AUG 5
MAXIMUM INSTANTANEOUS,
16.5 AT 07:07 NST ON FEB 23

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 02 N
LONG 53 18 28 W
DRAINAGE AREA, 28.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 130	JUL	814
FEB	2 810	AUG	522
MAR	1 620	SEP	811
APR	4 330	OCT	1 870
MAY	728	NOV	2 880
JUN	674	DEC	1 710

TOTAL DISCHARGE, 21 300 dam³

SHEFFIELD BROOK NEAR TRANS CANADA HIGHWAY - STATION NO. 02YK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.088	1.22 B	5.258	4.42	18.8	8.86	2.88	1.10	5.18	8.40	5.81	7.55	1
2	2.008	1.18 B	4.808	4.88	18.8	8.13	2.50	1.04	5.08	8.11	5.33	7.17	2
3	1.908	1.12 B	4.258	5.14	23.3	7.71	2.38	0.884	4.78	5.89	5.13	6.82	3
4	1.838	1.07 B	3.908	4.82	26.8	7.25	2.13	0.820	4.48	5.55	5.13	6.408	4
5	1.738	1.03 B	3.638	5.33	27.0	7.11	2.25	1.08	4.07	5.78	5.23	6.008	5
6	1.668	0.9808	3.188	7.12	26.5	8.73	2.37	2.33	3.78	5.37	5.10	5.708	6
7	1.608	0.8508	2.888	13.8	26.8	8.33	2.32	2.85	3.61	5.24	5.88	5.408	7
8	1.538	0.8308	2.608	18.8	26.7	8.81	2.30	2.65	3.38	5.27	5.82	5.108	8
9	4.538	0.8808	2.358	24.0	26.1	8.46	2.33	2.78	3.23	8.95	5.10	4.858	9
10	4.758	0.8708	2.158	24.8	24.8	8.19	2.30	2.81	3.08	18.8	8.31	4.608	10
11	3.958	0.8408	1.928	24.8	23.5	4.84	2.31	2.47	2.87	15.0	8.87	4.358	11
12	3.658	0.8208	1.758	23.4	22.2	4.86	2.28	2.38	3.10	14.8	8.87	4.158	12
13	3.458	0.8008	1.608	32.1	20.8	4.39	2.17	2.33	3.15	14.8	7.85	3.958	13
14	3.208	0.7808	1.458	30.9	18.9	4.17	2.12	2.44	3.11	14.3	7.31	3.718	14
15	3.008	0.7608	1.318	30.4	17.5	3.88	2.09	2.73	2.95	13.3	6.88	3.558	15
16	2.808	0.7408	1.208	30.2	16.3	3.58	2.00	2.88	2.89	12.8	6.73	3.388	16
17	2.638	0.7208	1.108	19.8	15.0	3.38	1.95	2.82	2.83	16.3	7.30	3.208	17
18	2.488	0.7008	1.018	20.0	13.7	3.27	1.89	2.68	2.69	14.3	8.30	3.058	18
19	2.328	0.6838	0.938	20.5	12.5	3.21	1.86	2.38	2.62	13.0	8.33	2.928	19
20	2.208	0.6708	0.868	21.0	11.3	3.16	1.72	2.18	2.38	12.2	8.31	2.758	20
21	2.088	0.8448	5.808	20.2	10.4	3.00	1.55	2.17	2.38	11.4	8.28	2.628	21
22	1.988	1.45 B	5.308	19.0	9.50	2.88	1.51	3.27	2.33	10.8	9.24	3.588	22
23	1.858	2.00 B	5.008	19.4	8.63	2.72	1.50	7.34	2.28	10.0	9.63	3.408	23
24	1.768	2.70 B	4.708	19.5	8.01	2.84	1.39	5.47	2.33	9.58	9.75	3.258	24
25	1.888	3.85 B	4.458	19.2	7.88	3.51	1.32	7.12	2.60	8.92	9.77	3.138	25
26	1.808	5.00 B	4.258	18.1	8.86	3.41	1.28	8.88	2.38	8.27	9.48	2.988	26
27	1.928	5.40 B	4.158	18.4	8.93	3.46	1.28	8.65	7.48	7.70	8.91	2.848	27
28	1.448	5.80 B	4.008	17.8	9.07	3.43	1.28	8.35	8.37	7.24	8.80	2.718	28
29	1.358		4.128	16.7	8.88	3.00	1.28	8.33	8.55	8.60	8.48	2.608	29
30	1.328		4.258	16.2	8.25	2.88	1.28	8.85	8.53	8.37	7.88	2.488	30
31	1.278		4.408		8.88		1.20	8.53		8.88		2.388	31
TOTAL	70.87	48.888	111.88	513.37	511.72	133.81	56.78	105.284	109.81	302.39	223.38	126.47	TOTAL
MEAN	2.28	1.63	3.81	17.1	16.5	4.48	1.90	3.40	3.88	9.75	7.45	4.08	MEAN
MAX	4.83	8.40	8.00	24.8	27.0	8.86	2.88	7.34	7.48	18.8	9.77	7.55	MAX
MIN	1.27	0.870	1.31	4.42	7.88	3.41	1.20	0.820	2.28	5.24	5.13	2.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.34
MAXIMUM DAILY, 27.0 ON MAY 5
MINIMUM DAILY, 0.8708 ON FEB 20
MAXIMUM INSTANTANEOUS,
27.1 AT 13:23 NST ON MAY 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 11 N
LONG 58 39 58 W
DRAINAGE AREA, 391 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 110	JUL	5 080
FEB	3 950	AUG	9 100
MAR	9 670	SEP	9 480
APR	44 300	OCT	26 100
MAY	44 200	NOV	19 300
JUN	11 600	DEC	10 900

TOTAL DISCHARGE, 200 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "SHEFFIELD RIVER NEAR TRANS CANADA HIGHWAY" TO 1985.

NEWFOUNDLAND AND LABRADOR

SHOAL ARM BROOK NEAR BADGER BAY - STATION NO. 02YP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4858	0.5108	1.10 B	0.8708	5.84	1.88	0.233	0.141	0.321	0.668	0.578	0.4808	1
2	0.4858	0.4858	1.00 B	1.14 B	7.00	1.85	0.204	0.118	0.289	0.808	0.586	0.3808	2
3	0.4458	0.4858	0.9008	1.35 B	7.87	1.43	0.175	0.108	0.261	0.598	0.805	0.3408	3
4	0.4308	0.4458	0.8208	1.80 B	8.37	1.31	0.148	0.107	0.324	0.801	1.83	0.4808	4
5	0.4108	0.4258	0.7808	2.00 B	8.81	1.30	0.210	0.118	0.190	0.511	1.37	0.6308	5
6	0.4808	0.4108	0.7108	3.00 B	5.06	1.12	0.231	0.383	0.178	0.484	1.18	0.4608	6
7	0.5508	0.3858	0.6608	4.80 B	4.28	0.927	0.204	0.407	0.157	0.444	1.12	0.3808	7
8	0.6508	0.3808	0.6108	5.80 B	3.78	0.798	0.184	0.428	0.138	0.585	0.985	0.3288	8
9	0.7908	0.3858	0.5708	5.85 B	3.18	0.674	0.153	0.635	0.138	0.578	0.888	0.2908	9
10	0.8578	0.3508	0.5308	5.05	2.58	0.587	0.221	0.493	0.112	3.11	0.978	0.2488	10
11	1.05 B	0.3408	0.4908	5.48	2.01	0.510	0.166	0.367	0.102	2.11	1.03	0.2128	11
12	1.30 B	0.3308	0.4508	4.81	1.78	0.484	0.178	0.317	0.182	1.87	1.01	0.1878	12
13	1.80 B	0.3208	0.4208	4.17	1.40	0.574	0.172	0.263	0.192	1.48	1.08	0.1708	13
14	1.50 B	0.3108	0.3928	3.77	1.26	0.594	0.167	0.288	0.213	1.32	1.01	0.2488	14
15	1.38 B	0.3008	0.3708	4.03	1.10	0.586	0.281	0.341	0.178	1.13	0.908	0.2188	15
16	1.30 B	0.2808	0.8008	4.33	1.12	0.524	0.384	0.318	0.188	1.06	0.848	0.1878	16
17	1.20 B	0.2858	0.8508	4.58	1.04	0.447	0.311	0.281	0.182	1.81	1.08	0.1808	17
18	1.12 B	0.2788	1.30 B	5.25	0.850	0.425	0.260	0.262	0.148	2.08	1.40	0.2608	18
19	1.04 B	0.2708	1.18 B	5.81	0.825	0.421	0.228	0.285	0.131	1.83	1.28	0.4188	19
20	0.9808	0.2648	1.08 B	5.20	0.877	0.372	0.228	0.263	0.125	1.49	1.28	0.3808	20
21	0.9108	0.2608	0.9808	5.05	0.868	0.315	0.181	0.224	0.117	1.34	1.14	0.3408	21
22	0.8708	0.4608	0.9008	4.07	0.848	0.303	0.173	0.280	0.108	1.24	2.27	0.3058	22
23	0.8308	0.7008	0.8308	4.84	0.838	0.291	0.163	1.28	0.125	1.08	2.12	0.2888	23
24	0.7808	1.10 B	0.7708	5.21	0.492	0.287	0.158	0.841	0.115	0.958	1.75	0.2658	24
25	0.7408	1.70 B	0.7208	4.36	0.458	0.272	0.143	1.22	0.105	0.888	1.50 B	0.2458	25
26	0.7108	1.50 B	0.6808	4.07	1.13	0.242	0.135	0.906	0.107	0.751	1.20 B	0.2308	26
27	0.6708	1.38 B	0.6208	3.86	1.06	0.285	0.135	0.884	1.38	0.742	0.9808	0.2128	27
28	0.6358	1.25 B	0.5808	3.38	2.41	0.291	0.155	0.805	0.943	0.748	0.7808	0.2908	28
29	0.6008		0.5408	3.50	4.02	0.350	0.184	0.437	0.613	0.892	0.8908	0.3508	29
30	0.5708		0.7108	4.24	3.25	0.278	0.144	0.383	0.778	0.888	0.9308	0.3308	30
31	0.5408		0.8008		2.41		0.161	0.384		0.818		0.2728	31
TOTAL	25.877	15.577	23.012	130.480	83.338	18.820	6.039	13.043	6.203	33.982	33.874	9.485	TOTAL
MEAN	0.835	0.558	0.742	4.35	2.69	0.651	0.195	0.421	0.273	1.10	1.12	0.305	MEAN
MAX	1.80	1.70	1.30	5.85	8.37	1.89	0.384	1.28	1.38	3.11	3.27	0.630	MAX
MIN	0.410	0.280	0.370	0.870	0.458	0.242	0.135	0.105	0.102	0.444	0.808	0.170	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.10
MAXIMUM DAILY, 8.85B ON APR 9
MINIMUM DAILY, 0.102 ON SEP 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 18 N
LONG 55 48 44 W
DRAINAGE AREA, 83.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 240	JUL	522
FEB	1 350	AUG	1 130
MAR	1 980	SEP	709
APR	11 300	OCT	2 830
MAY	7 200	NOV	2 810
JUN	1 690	DEC	818

TOTAL DISCHARGE, 34 400 dam³

SHOAL HARBOUR RIVER NEAR CLARENVILLE - STATION NO. 02ZJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.28 B	1.02 B	4.25 B	0.8808	5.12	0.733	0.508	0.274	0.148	0.844	0.885	2.188	1
2	1.21 B	0.9308	3.50 B	1.25 B	4.89	2.83	0.626	0.247	0.127	0.733	0.882	2.028	2
3	1.14 B	0.8858	2.80 B	1.85 B	4.88	2.28	0.481	0.186	0.221	0.826	0.841	1.908	3
4	1.08 B	0.8008	2.40 B	2.80 B	5.21	1.83	0.382	0.174	0.167	1.11	0.827	2.708	4
5	1.70 B	0.7808	2.07 B	4.61	5.24	1.62	0.343	0.159	0.135	1.73	1.07	3.808	5
6	1.58 B	0.7008	1.80 B	6.83	5.01	1.59	0.323	0.182	0.132	1.83	0.848	3.708	6
7	1.44 B	0.6508	1.57 B	11.4	4.82	1.33	0.350	0.182	0.109	1.73	0.888	3.408	7
8	1.33 B	0.6208	1.38 B	13.3	4.02	1.21	0.421	1.81	0.098	1.71	0.835	2.908	8
9	3.10 B	0.5858	1.22 B	13.8	3.81	1.04	0.445	1.58	0.101	1.80	0.806	2.588	9
10	8.40 B	0.5608	1.12 B	11.0	3.17	0.808	0.439	1.13	0.091	4.17	0.803	2.318	10
11	5.90 B	0.5388	1.01 B	9.88	2.78	0.830	0.415	0.840	0.087	3.35	0.874	2.088	11
12	5.00 B	0.5058	0.9308	8.87	2.47	0.705	0.812	0.728	0.108	2.88	1.01	1.888	12
13	5.20 B	0.4858	0.8508	8.20	2.31	0.744	0.580	0.858	0.151	2.85	1.11	1.718	13
14	4.80 B	0.4658	0.7808	7.88	2.06	0.670	0.884	0.888	0.188	2.44	1.08	1.588	14
15	3.92 B	0.4508	0.7208	7.03	1.82	0.584	2.85	0.827	0.169	2.25	0.880	1.478	15
16	3.51 B	0.4358	1.75 B	8.52	1.73	0.506	2.07	0.888	0.280	1.87	1.08	1.388	16
17	3.05 B	0.4208	4.30 B	8.38	1.83	0.414	1.88	0.887	6.426	2.03	1.80	1.308	17
18	2.70 B	0.4058	3.80 B	8.08	1.47	0.383	1.37	0.488	0.418	2.04	3.41	1.618	18
19	2.41 B	0.3858	3.30 B	8.85	1.31	0.362	1.24	0.468	0.374	1.90	2.77	1.808	19
20	2.17 B	0.3808	2.75 B	8.38	1.16	0.396	1.08	0.428	0.374	1.70	2.87	1.808	20
21	1.81 B	0.5808	2.35 B	8.71	1.14	0.564	0.848	0.337	0.342	1.85	2.55	1.488	21
22	1.71 B	0.8748	2.05 B	8.38	0.887	0.850	0.898	0.284	0.308	1.80	4.02	1.328	22
23	1.62 B	3.30 B	1.77 B	8.12	0.881	0.731	0.840	0.288	0.344	1.80	3.78	1.228	23
24	1.40 B	10.2 B	1.57 B	8.40	0.844	0.880	0.731	0.281	0.363	1.48	4.42	1.178	24
25	1.28 B	10.5 B	1.40 B	7.44	0.709	0.801	0.858	0.242	0.377	1.44	4.33	1.088	25
26	1.18 B	7.80 B	1.28 B	6.62	1.08	0.640	0.851	0.248	0.287	1.27	3.20 B	1.218	26
27	1.08 B	5.25 B	1.18 B	6.14	1.08	0.848	0.574	0.208	0.851	1.13	2.72 B	1.358	27
28	0.9908	5.00 B	1.09 B	5.93	0.883	0.714	0.482	0.187	0.888	1.10	2.36 B	1.258	28
29	0.9108		1.01 B	5.85	0.838	0.880	0.430	0.183	0.811	1.05	2.10 B	1.158	29
30	0.8408		0.9808	5.37	0.844	0.845	0.358	0.158	0.818	0.887	2.38 B	1.128	30
31	0.8858		0.9108		0.778		0.288	0.130		0.817		1.088	31
TOTAL	78.445	85.858	87.980	208.200	78.074	27.878	23.185	14.478	9.418	53.387	87.278	87.40	TOTAL
MEAN	2.47	2.02	1.87	8.87	2.82	0.823	0.748	0.487	0.314	1.72	1.91	1.85	MEAN
MAX	8.40	10.5	4.30	13.8	5.24	2.83	2.85	1.81	0.888	4.17	4.42	3.80	MAX
MIN	0.840	0.380	0.720	0.880	0.709	0.382	0.288	0.130	0.091	0.826	0.803	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 13.8 ON APR 9
MINIMUM DAILY, 0.091 ON SEP 10
MAXIMUM INSTANTANEOUS,
15.4 AT 18.00 NST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 12 24 N
LONG 54 02 23 W
DRAINAGE AREA, 105 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 800	JUL	2 000
FEB	4 900	AUG	1 380
MAR	9 010	SEP	814
APR	17 800	OCT	4 810
MAY	8 430	NOV	4 980
JUN	2 390	DEC	4 980

TOTAL DISCHARGE, 81 800 dam³

SOUTH BROOK AT PASADENA - STATION NO. 02YL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3858	0.2008	0.9808	0.6008 B	3.84	0.808	0.398	0.173	1.42	2.18	0.783	1.08 B	1
2	0.3808	0.2458	0.8508	1.70 B	5.42	0.613	0.348	0.173	1.66	1.80	1.00	0.8008	2
3	0.3408	0.2338	0.7508	3.80 B	10.4	0.784	0.318	0.183	1.87	1.17	0.890	0.6458	3
4	0.3208	0.2208	0.8808	2.75 B	7.88	0.870	0.280	0.184	1.14	2.37	0.22	0.5308	4
5	0.3058	0.2108	0.9308	2.30 B	4.82	0.728	0.381	0.288	0.901	1.83	2.81	0.4408	5
6	0.2808	0.2028	0.5708	5.80 B	3.88	0.638	0.373	1.33	0.714	1.18	1.48	0.3808	6
7	0.2608	0.1848	0.5208	15.0 B	5.06	0.809	0.314	1.17	0.871	1.07	1.48	0.3188	7
8	0.2708	0.1678	0.4888	7.00 B	7.48	0.876	0.302	1.84	0.808	1.47	1.38	0.8208	8
9	0.8008	0.1808	0.4558	4.20 B	8.21	0.482	0.287	1.18	0.870	2.48	1.07	0.8008	9
10	1.20 B	0.1748	0.4288	2.88	5.88	0.492	0.317	0.711	0.848	14.8	1.79	1.27 B	10
11	1.08 B	0.1888	0.4008	1.80	4.81	0.458	0.288	0.518	0.803	3.87	2.07	1.04 B	11
12	0.9108	0.1838	0.3808	1.88	4.88	0.802	0.287	0.410	0.882	2.28	2.37	0.8708	12
13	0.8008	0.1888	0.3608	1.62	4.38	0.882	0.303	0.381	0.827	1.84	2.80	0.7308	13
14	0.7208	0.1638	0.3458	1.88	3.88	0.881	0.274	4.03	0.801	1.75	1.87	0.8858	14
15	0.8808	0.1498	0.3308	2.48	3.05	0.488	0.283	2.88	0.838	1.89	1.33	0.5108	15
16	0.8808	0.1488	0.8868	2.47	2.85	0.411	0.278	1.18	0.782	1.37	3.48	0.7008	16
17	0.8328	0.1428	2.00 B	2.78	2.28	0.384	0.252	0.878	0.888	4.87	8.78	0.8008	17
18	0.4808	0.1388	2.80 B	3.38	2.04	0.380	0.226	0.884	0.807	2.44	4.10	0.5308	18
19	0.4408	0.1388	2.18 B	3.71	1.88	0.343	0.201	0.880	0.488	1.81	2.18	0.4858	19
20	0.4008	0.1338	1.88 B	3.87	1.82	0.341	0.192	0.488	0.433	1.30	1.87	0.4188	20
21	0.3758	0.1308	1.50 B	2.41	1.33	0.326	0.305	0.448	0.488	1.14	1.48	0.3788	21
22	0.3458	1.00 B	1.30 B	2.04	1.13	0.311	0.273	3.88	0.443	3.35	3.18	0.3408	22
23	0.3208	8.00 B	1.00 B	2.48	1.16	0.300	0.288	3.81	0.433	2.14	2.42	0.3108	23
24	0.3008	3.30 B	0.8408	1.88	1.08	0.288	0.238	3.08	0.441	1.52	1.83	0.2858	24
25	0.2808	2.80 B	0.7208	2.01	1.84	0.288	0.218	4.80	0.488	1.25	1.12 B	0.2528	25
26	0.2858	1.88 B	0.8008	2.17	2.82	0.251	0.212	1.88	0.438	1.18	0.8008	0.7208	26
27	0.2508	1.48 B	0.5208	2.12	1.73	0.878	0.191	2.88	8.78	1.11	0.5908	0.8808	27
28	0.2388	1.18 B	0.4808	1.84	1.43	0.528	0.182	1.84	3.08	0.888	0.4808	0.8028	28
29	0.2278		0.7208	1.82	1.30	0.748	0.181	1.10	1.70	0.824	0.8308	0.5428	29
30	0.2158		0.8008	2.10	1.02	0.538	0.188	0.818	2.13	0.853	1.22 B	0.8018	30
31	0.2058		0.4708		0.851		0.182	1.72		0.788		0.4838	31
TOTAL	13.840	15.910	35.849	92.830	105.841	15.325	8.180	44.898	33.881	69.001	60.073	18.237	TOTAL
MEAN	0.446	0.711	0.834	3.08	3.41	0.511	0.264	1.48	1.13	2.23	2.00	0.888	MEAN
MAX	1.20	8.00	2.80	15.0	10.4	0.812	0.388	4.80	8.78	14.8	8.78	1.27	MAX
MIN	0.205	0.130	0.330	0.600	0.851	0.251	0.181	0.183	0.433	0.788	0.480	0.252	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 15.08 ON APR 7
MINIMUM DAILY, 0.1308 ON FEB 21
MAXIMUM INSTANTANEOUS,
39.0 AT 03:15 NST ON OCT 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 43 N
LONG 57 38 47 W
DRAINAGE AREA, 88.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 200	JUL	707
FEB	1 720	AUG	3 880
MAR	2 230	SEP	2 830
APR	8 000	OCT	5 980
MAY	9 140	NOV	5 190
JUN	1 320	DEC	1 580

TOTAL DISCHARGE, 43 900 dam³

SOUTH BROOK AT PEARL TOWN ROAD - STATION NO. 02ZH021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1848	0.2908	0.382	0.2708	0.301	0.081	0.090	0.077	0.088	0.188	0.104	0.378	1
2	0.1708	0.2488	0.3268	1.80 B	0.295	0.147	0.078	0.080	0.074	0.114	0.105	0.322	2
3	0.1638	0.2108	0.2818	1.20	0.288	0.288	0.071	0.084	0.070	0.100	0.104	0.2708	3
4	0.2108	0.1778	0.2858	0.885	0.438	0.212	0.084	0.081	0.082	0.131	0.189	2.88	4
5	0.2948	0.1588	0.2438	0.778	0.321	0.117	0.087	0.048	0.083	0.224	0.184	1.78	5
6	0.5008	0.1388	0.2288	1.48	0.238	0.088	0.088	0.048	0.045	0.181	0.118	0.885	6
7	0.3858	0.1288	0.2118	3.13	0.198	0.071	0.057	0.071	0.038	0.153	0.123	0.487	7
8	0.3008	0.1138	0.1888	1.81	0.178	0.086	0.088	0.077	0.042	0.288	0.131	0.3758	8
9	1.60 B	0.1088	0.1848	1.40	0.172	0.043	0.081	0.080	0.040	0.307	0.113	0.3258	9
10	0.9708	0.0978	0.1808	0.888	0.181	0.038	0.090	0.071	0.038	0.883	0.134	0.2858	10
11	0.7108	0.0918	0.1718	0.714	0.148	0.034	0.202	0.084	0.040	0.297	0.188	0.2708	11
12	0.5808	0.0858	0.1688	0.813	0.128	0.073	0.243	0.047	0.043	0.448	0.252	0.2508	12
13	0.8408	0.0818	0.1588	0.525	0.120	0.088	0.218	0.043	0.040	0.894	0.288	0.2388	13
14	0.7408	0.0758	0.1588	0.478	0.118	0.084	0.128	0.044	0.042	0.487	0.178	0.2288	14
15	0.5958	0.0888	0.1718	0.458	0.118	0.043	0.438	0.081	0.107	0.331	0.128	0.2158	15
16	1.60 B	0.0688	1.60 B	0.482	0.142	0.035	0.227	0.047	0.442	0.281	0.185	0.2078	16
17	0.8808	0.0748	0.7808	0.485	0.118	0.029	0.118	0.045	0.188	0.267	0.328	0.1898	17
18	0.6008	0.0718	0.5308	0.421	0.098	0.030	0.140	0.043	0.334	0.227	0.809	0.2308	18
19	0.4508	0.0658	0.3888	0.440	0.082	0.032	0.118	0.037	0.188	0.188	0.342	0.272	19
20	0.3588	0.0628	0.3218	0.488	0.074	0.178	0.092	0.034	0.135	0.163	0.238	0.226	20
21	0.2888	0.0588	0.2888	0.385	0.070	0.311	0.074	0.089	0.114	0.150	0.771	0.2088	21
22	0.2388	0.8008	0.4408	0.430	0.073	0.187	0.080	0.218	0.108	0.188	1.23	0.1828	22
23	0.2018	4.59	0.3858	2.23	0.088	0.114	0.088	0.121	0.088	0.187	0.480	0.1828	23
24	0.1768	3.32	0.2828	0.880	0.074	0.101	0.088	0.087	0.088	0.181	0.878	0.1728	24
25	0.1578	1.08	0.2258	0.803	0.088	0.088	0.088	0.088	0.078	0.143	0.588	0.1658	25
26	0.1368	0.784	0.2418	0.471	0.081	0.832	0.048	0.100	0.072	0.128	0.388	0.1608	26
27	0.2108	0.574	0.2808	0.384	0.057	0.538	0.048	0.081	0.220	0.122	0.283	1.10 B	27
28	0.1818	0.454	0.2488	0.378	0.051	0.227	0.043	0.071	0.184	0.118	0.2408	0.6008	28
29	0.1618		0.3108	0.348	0.078	0.148	0.053	0.082	0.128	0.110	0.841	0.4808	29
30	0.1418		0.3808	0.328	0.082	0.112	0.224	0.057	0.187	0.115	0.4508	0.3858	30
31	0.2078		0.2808		0.083		0.120	0.068		0.108		0.2898	31
TOTAL	14.341	13.328	10.433	25.058	4.448	4.088	3.554	2.173	3.381	7.498	10.207	14.081	TOTAL
MEAN	0.463	0.472	0.336	0.835	0.144	0.136	0.115	0.070	0.113	0.242	0.340	0.454	MEAN
MAX	1.60	4.59	1.60	3.13	0.438	0.832	0.438	0.218	0.442	0.894	1.23	2.88	MAX
MIN	0.138	0.068	0.185	0.270	0.051	0.029	0.043	0.034	0.038	0.100	0.104	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.308
MAXIMUM DAILY, 4.59 ON FEB 23
MINIMUM DAILY, 0.029 ON JUN 17
MAXIMUM INSTANTANEOUS,
7.88 AT 15:25 NST ON DEC 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 30 24 N
LONG 53 48 24 W
DRAINAGE AREA, 9.21 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	307
FEB	1 140	AUG	188
MAR	901	SEP	282
APR	2 170	OCT	648
MAY	384	NOV	882
JUN	383	DEC	1 210

TOTAL DISCHARGE, 9 720 dam³

NEWFOUNDLAND AND LABRADOR

SOUTH RIVER NEAR HOLYROOD - STATION NO. 02ZH018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2828	0.591	0.501	0.644	0.378	0.301	0.215	0.328	0.425	0.718	0.244	0.6008	1
2	0.2548	0.5308	0.4558	2.87	0.358	0.258	0.185	0.261	0.400	0.575	0.258	0.5808	2
3	0.2308	0.4658	0.3768	2.44	0.383	0.606	0.162	0.208	0.362	0.463	0.304	0.5008	3
4	0.2808	0.3908	0.3258	1.42	0.831	0.887	0.130	0.166	0.263	0.488	0.575	1.25 B	4
5	0.6458	0.3468	0.2868	1.11	0.808	0.560	0.110	0.139	0.232	0.763	0.762	1.73	5
6	0.5808	0.2988	0.2588	1.61	0.600	0.460	0.097	0.127	0.210	0.611	0.585	1.27	6
7	0.4808	0.2708	0.2308	3.26	0.411	0.345	0.102	0.188	0.170	0.746	0.582	0.9008	7
8	0.3788	0.2388	0.2108	3.47	0.324	0.286	0.155	0.267	0.155	0.648	0.689	0.6808	8
9	4.00 E	0.2118	0.1908	2.89	0.281	0.218	0.208	0.428	0.142	0.564	0.691	0.5708	9
10	2.85 A	0.1888	0.1748	1.74	0.288	0.176	0.270	0.630	0.161	1.21	0.520	0.9008	10
11	1.62	0.1688	0.1638	1.21	0.240	0.140	0.882	0.485	0.131	0.951	0.548	0.4458	11
12	0.4408	0.1508	0.1518	0.948	0.218	0.137	0.894	0.358	0.134	1.01	0.577	0.4058	12
13	0.4808	0.1388	0.1418	0.788	0.196	0.135	0.816	0.271	0.121	1.64	0.686	0.3718	13
14	1.71	0.1238	0.1318	0.615	0.182	0.126	0.485	0.233	0.118	1.27	0.760	0.384	14
15	1.30	0.1558	0.1228	0.568	0.185	0.113	0.476	0.208	0.234	1.01	0.617	0.338	15
16	4.03	0.1718	1.80	0.518	0.182	0.106	0.457	0.208	1.07	0.778	0.485	0.311	16
17	2.90	0.1618	3.24	0.527	0.167	0.088	0.382	0.192	0.880	0.883	0.595	0.308	17
18	1.65	0.1318	1.77	0.509	0.172	0.084	0.340	0.188	0.921	0.578	1.25	0.3258	18
19	1.17	0.1188	0.9408	0.575	0.188	0.078	0.336	0.122	0.788	0.498	1.03	0.383	19
20	0.927	0.1118	0.7008	0.826	0.148	0.202	0.291	0.106	0.678	0.428	0.806	0.3858	20
21	0.6608	0.1008	0.5358	0.581	0.129	0.450	0.244	0.195	0.437	0.380	0.840	0.3368	21
22	0.5608	2.40 B	0.5408	0.552	0.114	0.491	0.218	0.745	0.385	0.427	1.56	0.3158	22
23	0.4708	13.8 B	0.5408	1.17	0.116	0.374	0.188	0.889	0.335	0.527	1.33	0.2858	23
24	0.4058	7.58	0.4308	1.25	0.118	0.293	0.184	0.538	0.305	0.492	1.20	0.2808	24
25	0.3558	2.64	0.3798	0.957	0.113	0.238	0.181	0.480	0.284	0.441	1.16	0.2708	25
26	0.3108	1.41	0.3468	0.758	0.118	0.203	0.158	0.467	0.262	0.381	0.947	0.2578	26
27	0.5008	0.916	0.3258	0.678	0.114	0.470	0.134	0.384	0.488	0.335	0.7508	1.10 B	27
28	0.4458	0.656	0.3108	0.600	0.114	0.437	0.126	0.321	0.695	0.316	0.6908	0.8708	28
29	0.3808		0.3008	0.482	0.201	0.382	0.145	0.288	0.583	0.289	0.611	0.7208	29
30	0.3308		0.4858	0.402	0.218	0.288	0.312	0.262	0.842	0.266	1.00 B	0.6008	30
31	0.4008		0.437		0.214		0.373	0.276		0.350		0.5308	31
TOTAL	31.382	34.448	19.847	35.113	7.893	8.881	8.830	8.844	11.812	20.843	23.001	18.188	TOTAL
MEAN	1.01	1.23	0.647	1.17	0.255	0.288	0.278	0.311	0.387	0.676	0.767	0.586	MEAN
MAX	4.03	13.8	3.24	3.47	0.831	0.847	0.894	0.746	1.07	1.64	1.56	1.73	MAX
MIN	0.230	0.100	0.122	0.402	0.113	0.078	0.087	0.106	0.119	0.350	0.244	0.257	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.620
MAXIMUM DAILY, 13.88 ON FEB 23
MINIMUM DAILY, 0.078 ON JUN 19
MAXIMUM INSTANTANEOUS,
18.02 AT 08.10 NST ON FEB 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 21 41 N
LONG 53 07 02 W
DRAINAGE AREA, 17.3 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 710	JUL	746
FEB	2 880	AUG	833
MAR	1 480	SEP	1 030
APR	3 030	OCT	1 810
MAY	888	NOV	1 990
JUN	747	DEC	1 570

TOTAL DISCHARGE, 18 800 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 11.1 IS DUE TO CURVE EXTENSION

SOUTH WEST BROOK NEAR BAIE VERTE - STATION NO. 02YH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4528	0.1478	0.2308	0.7808	8.56	1.88	0.188	0.045	0.287	0.470	0.808	1.21 B	1
2	0.4328	0.1388	0.2208	0.6808	11.0	1.63	0.138	0.038	0.181	0.418	0.648	1.15 B	2
3	0.6038	0.1328	0.2058	1.00 B	11.9	1.72	0.108	0.032	0.138	0.367	0.654	1.08 B	3
4	0.3808	0.1288	0.1958	1.18 B	11.7	1.43	0.088	0.034	0.114	0.340	2.12	1.02 B	4
5	0.3708	0.1228	0.1878	1.45 B	8.14	1.16	0.077	0.088	0.088	0.313	2.83	0.9808	5
6	0.3528	0.1158	0.1808	1.95 B	6.98	0.880	0.078	0.100	0.088	0.315	1.84	0.8508	6
7	0.3368	0.1148	0.1728	2.80 B	5.83	0.804	0.072	0.118	0.082	0.304	1.58	0.8108	7
8	0.3188	0.1118	0.1688	3.80 B	5.78	0.698	0.074	0.087	0.078	0.345	1.31	0.6758	8
9	0.4278	0.1088	0.1608	10.5 B	5.36	0.584	0.088	0.087	0.075	0.457	1.19	0.6418	9
10	0.6988	0.1038	0.1558	8.80 B	4.48	0.510	0.130	0.088	0.070	3.62	1.28	0.6108	10
11	0.8488	0.1008	0.1518	5.80 B	3.58	0.448	0.088	0.048	0.081	3.60	1.38	0.7858	11
12	0.5858	0.0988	0.1488	5.80 B	2.85	0.430	0.084	0.038	0.088	2.18	1.40	0.7558	12
13	0.5328	0.0958	0.1428	4.80 B	2.38	0.884	0.091	0.030	0.142	1.68	1.88	0.7308	13
14	0.4808	0.0928	0.1388	3.85 B	1.82	1.08	0.083	0.026	0.142	1.36	1.43	0.7008	14
15	0.4508	0.0908	0.1378	4.20 B	1.57	1.00	0.094	0.038	0.130	1.28	1.18	0.8808	15
16	0.4108	0.0878	0.2008	4.80 B	1.41	0.757	0.128	0.030	0.121	1.18	1.13	0.8008	16
17	0.3788	0.0848	0.3808	5.30 B	1.23	0.585	0.088	0.023	0.083	1.42	1.28	0.8358	17
18	0.3528	0.0848	0.8008	5.00 B	1.08	0.493	0.085	0.029	0.084	1.88	1.52	0.8158	18
19	0.3238	0.0818	1.02 B	6.85 B	0.927	0.454	0.074	0.027	0.078	1.75	1.51	0.6958	19
20	0.3068	0.0808	1.88 B	7.30 B	0.783	0.347	0.054	0.018	0.071	1.48	1.87	0.5808	20
21	0.2828	0.0788	1.50 B	5.88	0.748	0.287	0.043	0.017	0.081	1.18	1.28	0.7508	21
22	0.2628	0.1008	1.42 B	4.68	0.728	0.254	0.040	0.044	0.083	1.08	1.03	1.04 B	22
23	0.2468	0.3458	1.30 B	5.11	0.683	0.228	0.043	0.137	0.055	1.08	2.84	1.00 B	23
24	0.2328	0.3258	1.22 B	5.42	0.657	0.211	0.165	0.151	0.053	1.08	1.89	0.8658	24
25	0.2158	0.3028	1.13 B	5.06	0.613	0.178	0.391	0.288	0.084	1.04	1.85 B	0.9108	25
26	0.2058	0.2828	1.08 B	5.18	2.45	0.140	0.236	0.417	0.050	0.884	1.83 B	0.8808	26
27	0.1818	0.2858	1.02 B	4.82	3.68	0.128	0.177	0.483	0.288	0.878	1.82 B	0.8258	27
28	0.1618	0.2508	0.9508	4.65	2.98	0.174	0.118	0.388	0.880	0.878	1.42 B	0.7808	28
29	0.1708		0.8008	5.38	4.37	0.284	0.083	0.289	0.837	0.811	1.35 B	0.7608	29
30	0.1828		0.8508	8.28	2.88	0.240	0.084	0.231	0.841	0.778	1.28 B	0.7268	30
31	0.1628		0.8108		2.06		0.088	0.283		0.885		0.6908	31
TOTAL	10.945	4.158	18.835	140.440	118.588	19.888	3.418	3.864	4.487	38.072	44.818	28.888	TOTAL
MEAN	0.353	0.148	0.601	4.88	3.88	0.883	0.110	0.118	0.150	1.12	1.48	0.824	MEAN
MAX	0.888	0.345	1.88	10.5	11.8	1.72	0.381	0.483	0.837	3.60	2.84	1.21	MAX
MIN	0.152	0.074	0.137	0.780	0.683	0.128	0.040	0.017	0.050	0.304	0.808	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 11.8 ON MAY 3
MINIMUM DAILY, 0.017 ON AUG 21
MAXIMUM INSTANTANEOUS,
12.7 AT 04:28 NST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 53 37 N
LONG 55 13.22 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	948	JUL	285
FEB	388	AUG	318
MAR	1 810	SEP	388
APR	13 100	OCT	3 030
MAY	10 300	NOV	3 870
JUN	1 690	DEC	2 239

TOTAL DISCHARGE, 37 100 dam³

SOUTHERN BAY RIVER NEAR SOUTHERN BAY - STATION NO. 02ZJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5858	0.4608	2.30 B	0.8708	3.82	0.268	0.094	0.093	0.144	0.287	0.372	1.58 B	1
2	0.5408	0.4458	1.71 B	1.18 B	3.72	0.826	0.078	0.108	0.108	0.297	0.388	1.41 B	2
3	0.5008	0.4258	1.38 B	1.85 B	3.45	0.583	0.063	0.088	0.128	0.304	0.324	1.30 B	3
4	1.11 B	0.4008	1.17 B	2.60 B	3.39	0.588	0.052	0.038	0.103	0.434	0.431	1.51 B	4
5	1.50 B	0.3878	0.9708	3.90 B	3.25	0.578	0.039	0.034	0.089	0.824	0.447	2.07 B	5
6	1.31 B	0.3688	0.8508	5.80 B	2.78	0.807	0.035	0.038	0.084	0.705	0.438	1.86 B	6
7	1.17 B	0.3508	0.7508	7.05	2.32	0.574	0.062	0.038	0.082	0.741	0.375	1.75 B	7
8	1.75 B	0.3358	0.6958	10.8	1.89	0.522	0.118	0.208	0.041	1.00	0.408	1.58 B	8
9	2.50 B	0.3208	0.8218	13.3	1.78	0.422	0.098	0.201	0.044	1.03	0.420	1.37 B	9
10	2.05 B	0.3108	0.5708	11.8	1.82	0.371	0.107	0.132	0.038	1.18	0.480	1.21 B	10
11	1.84 B	0.2988	0.5288	8.71	1.38	0.528	0.105	0.103	0.035	1.28	0.448	1.10 B	11
12	1.40 B	0.2888	0.4958	7.22	1.17	0.387	0.082	0.103	0.057	1.28	0.433	0.9708	12
13	2.41 B	0.2808	0.4608	8.58	1.11	0.314	0.068	0.110	0.116	1.31	0.438	0.8708	13
14	2.18 B	0.2718	0.4358	8.98	0.948	0.270	0.104	0.124	0.105	1.14	0.488	0.7888	14
15	1.88 B	0.2848	0.4108	8.40	0.818	0.245	0.284	0.151	0.074	0.871	0.525	0.7408	15
16	1.79 B	0.2588	1.10 B	8.04	0.788	0.245	0.284	0.181	0.118	0.882	0.588	0.6808	16
17	1.80 B	0.2528	3.40 B	8.00	0.738	0.278	0.312	0.158	0.102	0.858	0.808	0.6408	17
18	1.43 B	0.2468	3.47 B	6.80	0.838	0.225	0.478	0.208	0.104	0.884	1.41	0.6808	18
19	1.30 B	0.2438	2.37 B	5.07	0.672	0.208	0.448	0.185	0.116	0.817	1.48	0.8408	19
20	1.19 B	0.2408	1.80 B	5.38	0.487	0.218	0.385	0.164	0.107	0.772	1.88	0.8108	20
21	1.07 B	0.3658	1.50 B	5.18	0.418	0.262	0.281	0.121	0.108	0.688	1.88	0.7408	21
22	0.9808	0.4808	1.30 B	4.87	0.388	0.254	0.248	0.104	0.078	0.709	2.21	0.6808	22
23	0.8008	0.8728	1.08 B	4.08	0.405	0.248	0.221	0.101	0.091	0.688	2.62	0.6458	23
24	0.8308	7.80 B	1.05 B	11.7	0.394	0.198	0.204	0.101	0.088	0.807	2.82	0.8058	24
25	0.7858	8.00 B	0.8408	9.51	0.385	0.170	0.178	0.097	0.101	0.588	3.80	0.8808	25
26	0.7108	4.85 B	0.8508	7.05	0.377	0.157	0.157	0.100	0.238	0.840	2.80 B	0.8458	26
27	0.6808	3.35 B	0.7808	5.58	0.371	0.184	0.139	0.098	0.418	0.530	2.10 B	0.7008	27
28	0.8158	2.85 B	0.9308	4.75	0.358	0.142	0.120	0.092	0.338	0.470	1.70 B	0.8808	28
29	0.5708		1.03 B	4.34	0.388	0.114	0.123	0.078	0.286	0.413	1.55 B	0.8308	29
30	0.5358		0.9808	4.02	0.330	0.089	0.138	0.081	0.288	0.417	1.81 B	0.8008	30
31	0.5088		0.9008		0.273		0.121	0.104		0.400		0.8758	31
TOTAL	39.245	34.627	38.628	182.370	40.712	8.615	5.227	3.483	3.784	22.763	34.880	31.288	TOTAL
MEAN	1.27	1.24	1.18	8.08	1.31	0.327	0.169	0.112	0.125	0.734	1.17	1.01	MEAN
MAX	2.50	8.00	3.47	13.3	3.82	0.826	0.478	0.208	0.418	1.31	3.80	2.07	MAX
MIN	0.505	0.240	0.410	0.870	0.273	0.089	0.035	0.034	0.035	0.287	0.324	0.575	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 13.3 ON APR 9
MINIMUM DAILY, 0.034 ON AUG 5
MAXIMUM INSTANTANEOUS,
18.2 AT 11:45 NST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 44 N
LONG 53 40 36 W
DRAINAGE AREA, 87.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 390	JUL	482
FEB	3 890	AUG	301
MAR	3 180	SEP	325
APR	15 600	OCT	1 970
MAY	3 520	NOV	3 020
JUN	848	DEC	2 700

TOTAL DISCHARGE, 38 500 dam³

SOUTHWEST BROOK AT LEWISPORTE - STATION NO. 02YD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7858	0.4458	0.8308	1.788	2.21 E	0.324	0.122	0.178	0.515	0.470	0.477	0.7258	1
2	0.7458	0.4258	0.8258	2.008	2.02	0.351	0.120	0.181	0.515	0.422	0.444	0.6758	2
3	0.7158	0.4058	0.7408	2.458	1.85	0.273	0.115	0.148	0.488	0.419	0.415	0.6308	3
4	0.6828	0.3888	0.6708	3.158	1.61	0.351	0.104	0.138	0.451	0.435	0.481	0.6708	4
5	0.6558	0.3708	0.6108	3.758	1.67	0.373	0.188	0.127	0.398	0.448	0.488	1.10 B	5
6	0.6258	0.3518	0.5558	5.408	1.52	0.381	0.242	0.174	0.333	0.417	0.439	1.01 B	6
7	0.5958	0.3378	0.5068	6.508	1.35	0.314	0.200	0.171	0.307	0.403	0.442	0.8108	7
8	0.5658	0.3208	0.4758	10.8 B	1.18	0.300	0.183	0.258	0.293	0.584	0.417	0.8208	8
9	0.7808	0.3068	0.4358	11.3 B	1.08	0.281	0.161	0.431	0.280	0.848	0.428	0.7858	9
10	1.14 B	0.2928	0.4058	9.188	1.03	0.218	0.175	0.320	0.280	1.88	0.411	0.7158	10
11	1.08 B	0.2808	0.3758	7.088	0.928	0.208	0.177	0.241	0.280	1.04	0.551	0.6708	11
12	1.01 B	0.2708	0.3508	5.488	0.813	0.208	0.184	0.218	0.588	0.868	0.538	0.8308	12
13	0.8408	0.2598	0.3288	5.488	0.822	0.208	0.188	0.202	2.32 E	0.765	0.578	0.8858	13
14	0.8858	0.2488	0.3108	4.628	0.783	0.208	0.178	0.238	1.08	0.742	0.501	0.8508	14
15	0.8258	0.2388	0.8708	4.578	0.715	0.224	0.420	0.348	0.784	0.778	0.422	0.8308	15
16	0.7758	0.2288	1.08 B	4.178	0.728	0.218	0.583	0.288	0.817	0.883	0.571	0.8008	16
17	0.7308	0.2218	1.82 B	3.938	0.738	0.200	0.351	0.264	0.822	1.78	0.883	0.4708	17
18	0.6858	0.2138	1.85 B	3.778E	0.658	0.188	0.283	0.246	0.725	1.86	0.882	0.4858	18
19	0.6418	0.2048	1.87 B	3.648E	0.553	0.181	0.244	0.227	0.857	0.989	0.892	0.5408	19
20	0.6008	0.1988	1.50 B	3.438E	0.522	0.158	0.231	0.220	0.478	0.937	0.551	0.5158	20
21	0.5858	0.1818	1.37 B	3.178E	0.442	0.146	0.217	0.195	0.453	0.859	0.824	0.4858	21
22	0.5408	0.4408	1.22 B	2.848E	0.407	0.142	0.204	0.458	0.348	0.892	1.21 B	0.4808	22
23	0.5058	1.47 B	1.13 B	4.868E	0.373	0.148	0.180	2.67 E	0.272	0.884	1.12 B	0.4488	23
24	0.4808	1.48 B	1.08 B	5.728E	0.348	0.153	0.172	1.85	0.278	0.738	1.01 B	0.4308	24
25	0.4588	1.35 B	0.9958	4.818E	0.351	0.147	0.173	1.58	0.298	0.872	0.9008	0.4108	25
26	0.4238	1.22 B	0.9508	3.838E	0.352	0.139	0.188	1.18	0.298	0.811	0.7908	0.4008	26
27	0.4078	1.11 B	1.31 B	3.288E	0.352	0.143	0.188	1.02	0.845	0.893	0.8808	0.4288	27
28	0.3888	1.01 B	1.81 B	2.888E	0.400	0.134	0.180	0.941	0.817	0.570	0.8108	0.4808	28
29	0.3688		2.10 B	2.858E	0.590	0.132	0.168	0.820	0.580	0.592	0.5708	0.4308	29
30	0.3528		1.87 B	2.478E	0.422	0.119	0.178	0.724	0.507	0.501	0.8008	0.4108	30
31	0.3368		1.82 B		0.358		0.178	0.683		0.477		0.3908	31
TOTAL	20.301	14.328	31.859	141.58	27.385	6.820	6.436	18.711	17.140	23.706	18.381	18.470	TOTAL
MEAN	0.655	0.512	1.02	4.72	0.881	0.221	0.208	0.639	0.571	0.765	0.613	0.595	MEAN
MAX	1.14	1.48	2.10	11.3	2.21	0.373	0.583	2.67	2.32	1.86	1.21	1.10	MAX
MIN	0.336	0.191	0.310	1.78	0.348	0.119	0.104	0.127	0.280	0.403	0.411	0.390	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.839
MAXIMUM DAILY, 11.3B ON APR 9
MINIMUM DAILY, 0.104 ON JUL 4
MAXIMUM INSTANTANEOUS,
12.8E AT 14:00 NST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 56 N
LONG 55 03 11 W
DRAINAGE AREA, 47.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 750	JUL	555
FEB	1 240	AUG	1 440
MAR	2 740	SEP	1 480
APR	12 300	OCT	2 050
MAY	2 380	NOV	1 590
JUN	572	DEC	1 800

TOTAL DISCHARGE, 29 800 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 2.14 IS DUE TO CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK - STATION NO. 02YS003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2388	0.1858	1.00 B	0.2008	1.28	0.311	0.088	0.088	0.085	0.262	0.148	0.334	1
2	0.2268	0.1828	0.7008	1.78	1.24	0.857	0.076	0.048	0.082	0.212	0.181	0.288	2
3	0.2188	0.1718	0.5808	3.78	1.30	0.834	0.088	0.040	0.073	0.177	0.188	0.248	3
4	0.2638	0.1818	0.4808	2.04	1.58	0.580	0.088	0.040	0.084	0.224	0.172	0.833	4
5	0.3408	0.1528	0.4108	1.82	1.24	0.473	0.058	0.034	0.058	0.444	0.183	2.59	5
6	0.3128	0.1448	0.3708	2.98	0.847	0.418	0.087	0.071	0.047	0.484	0.173	1.30	6
7	0.2708	0.1388	0.3308	4.85	0.704	0.382	0.057	0.058	0.038	0.395	0.181	0.841	7
8	0.3308	0.1318	0.3008	7.04	0.588	0.337	0.080	0.458	0.033	0.480	0.150	0.5808	8
9	0.4808	0.1248	0.2788	6.05	0.530	0.343	0.068	1.08	0.028	0.500	0.148	0.4858	9
10	0.7808	0.1208	0.2588	3.34	0.480	0.337	0.084	0.531	0.027	0.818	0.178	0.3858	10
11	0.8708	0.1158	0.2388	2.25	0.414	0.340	0.114	0.328	0.025	0.881	0.228	0.3318	11
12	0.8308	0.1118	0.2218	2.01	0.365	0.355	0.138	0.248	0.049	0.421	0.248	0.3088	12
13	1.10 B	0.1078	0.2088	1.77	0.332	0.354	0.158	0.204	0.101	0.382	0.240	0.2808	13
14	1.33 B	0.1038	0.1978	1.54	0.316	0.353A	0.135	0.188	0.133	0.363	0.218	0.2608	14
15	1.08 B	0.1008	0.4008	1.89	0.328	0.318A	0.278	0.301	0.103	0.320	0.214	0.2488	15
16	0.8538	0.0978	0.8008	1.89	0.333	0.178A	1.18	0.267	0.208	0.273	0.328	0.2308	16
17	0.8108	0.0948	1.64 B	1.75	0.315	0.160	0.686	0.202	0.218	0.634	0.515	0.2178	17
18	0.7208	0.0928	1.25 B	1.87	0.313	0.126	0.386	0.175	0.182	0.829	1.48	0.2008	18
19	0.8408	0.0908	1.00 B	1.87	0.304	0.126	0.268	0.144	0.152	0.524	0.883	0.4158	19
20	0.5508	0.0888	0.8108	1.70	0.298	0.134	0.210	0.080	0.122	0.382	0.708	0.3708	20
21	0.4858	0.2108	0.6408	1.39	0.303	0.128	0.178	0.078	0.111	0.328	0.885	0.3258	21
22	0.4408	0.5688	0.5208	1.26	0.310	0.133	0.158	0.088	0.108	0.304	1.88	0.2858	22
23	0.3958	1.20 B	0.4308	3.85	0.316	0.161	0.168	0.088	0.108	0.301	1.30	0.2608	23
24	0.3608	4.00 B	0.3858	3.83	0.318	0.183	0.150	0.070	0.089	0.279	1.00	0.2358	24
25	0.3308	3.00 B	0.3108	2.30	0.329	0.148	0.125	0.072	0.074	0.244	0.7208	0.2188	25
26	0.3028	2.20 B	0.2888	1.88	0.338	0.130	0.084	0.067	0.081	0.217	0.5808	0.2008	26
27	0.2788	1.65 B	0.2388	1.34	0.357	0.118	0.084	0.072	0.382	0.208	0.4808	0.3458	27
28	0.2588	1.25 B	0.2858	1.38	0.341	0.128	0.072	0.088	0.480	0.188	0.4258	0.3208	28
29	0.2388		0.3108	1.38	0.327	0.114	0.067	0.058	0.321	0.174	0.3888	0.2758	29
30	0.2228		0.2698	1.41	0.318	0.100	0.073	0.081	0.384	0.165	0.444	0.2508	30
31	0.2098		0.2368		0.312		0.082	0.088		0.152		0.2208	31
TOTAL	15.457	15.893	15.283	71.430	16.767	8.321	5.308	5.331	3.841	11.304	14.317	13.788	TOTAL
MEAN	0.499	0.583	0.493	2.38	0.541	0.277	0.171	0.172	0.128	0.365	0.477	0.444	MEAN
MAX	1.33	4.00	1.64	7.04	1.58	0 834	1.18	1.08	0.480	0.818	1.88	2.59	MAX
MIN	0.208	0.088	0.197	0.200	0.288	0.100	0.067	0.034	0.028	0.152	0.148	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.542
MAXIMUM DAILY, 7.04 ON APR 6
MINIMUM DAILY, 0.028 ON SEP 11
MAXIMUM INSTANTANEOUS,
7.72 AT 10:33 NST ON APR 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 36 26 N
LONG 53 58 50 W
DRAINAGE AREA, 38.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 340	JUL	458
FEB	1 430	AUG	461
MAR	1 320	SEP	332
APR	6 170	OCT	977
MAY	1 450	NOV	1 240
JUN	719	DEC	1 190

TOTAL DISCHARGE, 17 100 dam³

SOUTHWEST GANDER RIVER BELOW LARSON FALLS - STATION NO. 02YG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.858	4.508	12.2 B	10.08	25.7	2.87	0.840	0.751	4.32	14.4	3.87	7.208	1
2	3.858	5.008	10.8 B	14.08	27.6	3.81	0.804	0.828	4.14	11.8	3.65	6.408	2
3	3.058	5.408	8.308	20.08	28.0	7.70	0.718	0.492	4.03	10.3	3.88	5.808	3
4	3.408	5.008	8.208	27.08	45.0	7.51	0.803	0.458	3.82	10.0	4.24	5.408	4
5	3.858	4.708	7.008	36.08	37.1	5.26	0.818	0.433	3.38	11.7	5.82	5.408	5
6	4.408	4.408	8.308	50.08	28.1	5.55	0.818	0.884	2.71	11.1	5.87	6.008	6
7	5.208	4.108	8.408	70.08	21.8	4.18	0.826	4.06	2.30	9.87	5.13	7.008	7
8	6.108	3.808	6.808	95.88	17.3	3.36	0.486	13.8	1.87	12.3	4.88	6.208	8
9	7.508	3.608	4.208	90.09	14.5	3.05	0.617	38.7	1.67	14.8	4.88	5.708	9
10	8.158	3.358	3.808	82.3	12.7	3.13	0.847	21.8	1.48	31.4	4.83	5.308	10
11	10.8 B	3.208	3.408	64.4	11.0	1.73	0.883	13.1	1.38	26.8	5.84	4.808	11
12	12.8 B	3.008	3.008	52.7	9.47	1.57	0.764	8.22	2.88	18.5	7.37	4.508	12
13	14.0 B	2.858	2.758	46.4	8.53	1.58	1.33	7.72	87.8	14.5	8.18	4.308	13
14	13.0 B	2.708	2.488	38.8	7.64	1.48	1.88	7.33	47.8	13.3	7.88	4.008	14
15	12.0 B	2.558	2.208	35.6	6.88	1.48	2.83	12.8	28.0	11.8	7.01	3.708	15
16	11.2 B	2.408	3.408	36.7	8.87	1.28	12.1	11.8	20.4	10.0	7.84	3.508	16
17	10.4 B	2.308	5.508	38.8	8.41	1.15	8.10	4.82	16.2	13.1	11.5	3.208	17
18	9.808	2.178	9.008	35.2	8.71	0.895	5.48	8.87	12.8	16.0	21.8	3.058	18
19	9.008	2.078	10.0 B	38.8	4.77	0.822	3.83	8.01	10.5	14.5	18.3	4.808	19
20	8.508	1.988	17.0 B	40.6	4.03	0.928	3.14	4.07	8.58	11.4	15.3	4.508	20
21	8.008	1.808	14.8 B	33.0	3.33	0.870	2.40	3.34	7.28	9.45	12.7	4.208	21
22	7.808	2.508	13.0 B	27.6	2.84	1.43	1.84	3.28	8.88	8.38	24.1	3.758	22
23	7.108	3.408	11.2 B	32.4	2.68	1.84	1.87	14.8	8.05	8.02	31.2	3.608	23
24	6.808	4.608	10.0 B	50.4	2.34	1.88	1.84	14.5	8.38	8.23	21.7	3.208	24
25	8.208	6.508	8.708	38.8	2.13	1.31	1.84	13.3	8.50	7.03	17.1	3.808	25
26	8.808	10.5 B	7.708	32.5	2.44	1.17	1.57	11.7	8.02	8.38	15.7	2.708	26
27	8.458	17.0 B	8.808	28.1	3.80	1.28	1.28	9.88	25.5	8.85	11.0	2.488	27
28	8.108	15.0 B	8.008	26.2	3.80	1.34	1.13	7.77	45.8	8.67	8.008	3.508	28
29	4.708		8.308	27.2	4.72	1.24	1.07	8.02	25.2	8.04	8.208	4.208	29
30	4.508		8.808	28.3	4.88	1.16	1.08	4.87	17.7	4.87	8.708	3.808	30
31	4.208		7.008		3.78		0.898	4.10		4.28		3.608	31
TOTAL	228.81	130.47	238.18	1 247.4	385.93	72.118	84.288	282.157	383.87	382.58	318.81	141.78	TOTAL
MEAN	7.31	4.65	7.52	41.6	11.8	2.40	2.07	8.48	12.8	11.7	10.7	4.67	MEAN
MAX	14.0	17.0	18.0	95.8	45.0	7.70	12.1	38.7	87.8	31.4	31.2	8.00	MAX
MIN	3.05	1.80	2.20	10.0	2.13	0.870	0.488	0.433	1.38	4.28	3.85	2.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 95.8 ON APR 8
MINIMUM DAILY, 0.433 ON AUG 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 26 N
LONG 55 04 52 W
DRAINAGE AREA, 531 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 800	JUL	5 550
FEB	11 300	AUG	22 700
MAR	20 400	SEP	33 200
APR	108 000	OCT	31 300
MAY	31 800	NOV	27 800
JUN	6 230	DEC	12 200

TOTAL DISCHARGE, 330 000 dam³

SPOUT COVE BROOK NEAR SPOUT COVE - STATION NO. 021L003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.152	0.116	0.226	0.0828	0.244	0.077	0.055	0.073	0.054	0.107	0.082	0.228	1
2	0.140	0.114	0.200	0.2508	0.228	0.109	0.061	0.065	0.052	0.106	0.104	0.207	2
3	0.1308	0.113	0.186	0.575	0.248	0.177	0.058	0.058	0.053	0.100	0.095	0.186	3
4	0.170	0.112	0.1458	0.478	0.314	0.184	0.051	0.055	0.052	0.113	0.148	0.232	4
5	0.188	0.108	0.1338	0.480	0.284	0.159	0.057	0.053	0.048	0.144	0.184	0.432	5
6	0.158	0.098	0.1188	0.887	0.278	0.137	0.050	0.055	0.044	0.187	0.158	0.385	6
7	0.144	0.098	0.1068	2.13	0.250	0.119	0.055	0.055	0.041	0.141	0.158	0.302	7
8	0.137	0.094	0.0998	2.78	0.234	0.114	0.055	0.053	0.038	0.181	0.155	0.253	8
9	0.771	0.081	0.0828	2.18	0.208	0.092	0.054	0.048	0.036	0.219	0.152	0.2058	9
10	1.70	0.087	0.0868	1.31	0.198	0.087	0.054	0.045	0.036	0.441	0.153	0.170	10
11	1.08	0.0828	0.0838	0.833	0.188	0.085	0.078	0.062	0.038	0.336	0.168	0.186	11
12	0.887	0.0808	0.0748	0.835	0.183	0.086	0.068	0.060	0.036	0.280	0.217	0.1428	12
13	0.827	0.0778	0.0768	0.509	0.138	0.087	0.088	0.053	0.038	0.483	0.227	0.1328	13
14	0.816	0.0758	0.0718	0.421	0.145	0.083	0.084	0.051	0.038	0.478	0.187	0.1248	14
15	0.840	0.0728	0.0698	0.388	0.128	0.078	0.140	0.054	0.038	0.377	0.177	0.1188	15
16	1.02	0.0708	0.483	0.318	0.118	0.082	0.208	0.050	0.071	0.287	0.168	0.1128	16
17	1.21	0.0688	0.814	0.318	0.118	0.088	0.183	0.049	0.088	0.268	0.168	0.1088	17
18	0.731	0.0688	0.805	0.288	0.108	0.081	0.147	0.048	0.111	0.302	0.258	0.1088	18
19	0.437	0.0648	0.513	0.314	0.108	0.080	0.138	0.041	0.110	0.188	0.280	0.1178	19
20	0.316	0.0628	0.416	0.337	0.101	0.087	0.130	0.038	0.087	0.180	0.248	0.1108	20
21	0.250	0.0608	0.306	0.318	0.082	0.081	0.110	0.038	0.082	0.148	0.230	0.1048	21
22	0.198	1.43	0.335	0.274	0.084	0.081	0.108	0.035	0.073	0.145	0.814	0.1008	22
23	0.177	8.34	0.285	0.834	0.085	0.078	0.111	0.036	0.081	0.132	0.817	0.0868	23
24	0.180	3.83	0.240	1.03	0.088	0.074	0.107	0.037	0.078	0.126	0.881	0.0838	24
25	0.150	1.46	0.302	0.812	0.083	0.072	0.104	0.044	0.088	0.123	0.833	0.0808	25
26	0.141	0.718	0.1838	0.853	0.082	0.072	0.101	0.080	0.084	0.111	0.442	0.0888	26
27	0.141	0.420	0.1408	0.420	0.082	0.080	0.088	0.048	0.071	0.108	0.288	0.1078	27
28	0.130	0.300	0.1258	0.300	0.078	0.081	0.082	0.046	0.078	0.104	0.252	0.1348	28
29	0.119		0.1088	0.281	0.087	0.082	0.078	0.045	0.088	0.102	0.274	0.138	29
30	0.113		0.0888	0.263	0.087	0.074	0.078	0.045	0.084	0.106	0.298	0.132	30
31	0.115		0.0888		0.084		0.080	0.044		0.105		0.120	31
TOTAL	12.935	18.308	8.804	20.441	4.710	2.786	2.943	1.580	1.854	8.103	8.310	5.029	TOTAL
MEAN	0.417	0.582	0.319	0.881	0.152	0.093	0.095	0.051	0.062	0.187	0.277	0.162	MEAN
MAX	1.70	8.34	0.818	2.78	0.314	0.184	0.305	0.073	0.111	0.483	0.814	0.432	MAX
MIN	0.113	0.080	0.088	0.082	0.078	0.080	0.088	0.035	0.035	0.100	0.092	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.248
MAXIMUM DAILY, 8.34 ON FEB 23
MINIMUM DAILY, 0.035 ON AUG 21
MAXIMUM INSTANTANEOUS,
7.05 AT 10:42 NST ON FEB 23

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 48 43 N
LONG 53 09 15 W
DRAINAGE AREA, 10.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 120	JUL	254
FEB	1 410	AUG	137
MAR	588	SEP	180
APR	1 770	OCT	527
MAY	407	NOV	718
JUN	241	DEC	435

TOTAL DISCHARGE, 7 770 dam³

ST. SHOTTS RIVER NEAR TREPASSEY - STATION NO. 022N002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9258	1.60 B	0.6008	0.750E	0.845E	0.185E	0.450E	0.570E	0.800A	0.458	0.218	1.24	1
2	0.780B	1.26 B	0.480B	3.78 E	0.600E	0.270E	0.410E	0.425E	0.540E	0.459	0.163	0.950B	2
3	0.880B	1.02 B	0.400B	2.85 E	0.480E	0.600E	0.330E	0.365E	0.880E	0.414	0.188	0.760B	3
4	0.800B	0.780B	0.340B	1.80 E	0.860E	0.985E	0.265E	0.331E	0.895E	0.397	0.418	1.12 B	4
5	0.880B	0.630B	0.305B	1.76 E	0.890E	0.760E	0.240E	0.302E	0.800E	0.570	0.583	1.84	5
6	0.860B	0.510B	0.400B	2.18 E	0.540E	0.550E	0.200E	0.280E	0.430E	0.470	0.517	1.30	6
7	0.780B	0.410B	0.365B	2.85 E	0.475E	0.420E	0.210E	0.261E	0.380E	0.456	0.450	1.00 B	7
8	0.640B	0.338B	0.335B	2.72 E	0.425E	0.385E	1.60 E	0.291E	0.338E	1.18	0.688	0.820B	8
9	1.20 B	0.200B	0.302B	2.60 E	0.385E	0.315E	1.55 E	0.283E	0.309E	1.39	0.675	0.670B	9
10	2.40 B	0.128B	0.279B	2.01 E	0.360E	0.260E	1.31 E	0.278E	0.278E	3.17 E	0.648	0.570B	10
11	1.21 B	0.110B	0.249B	1.81 E	0.335E	0.250E	1.41 E	0.261E	0.255E	2.13	0.888	0.480B	11
12	1.08 B	0.084B	0.226B	1.28 E	0.302E	0.490E	1.31 E	0.250E	0.242E	2.11	1.04	0.410B	12
13	1.70 B	0.081B	0.202B	0.970E	0.270E	0.720E	1.26 E	0.238E	0.238E	2.45	1.34	0.365B	13
14	2.20 B	0.074B	0.185B	0.780E	0.230E	0.570E	0.900E	0.238E	0.226E	2.80	1.20	0.310B	14
15	1.67 B	0.180B	0.172B	0.760E	0.238E	0.460E	2.93 E	0.248E	0.211E	2.14	0.775	0.275B	15
16	4.00 B	0.345B	1.05 E	0.640E	0.260E	0.350E	1.85 E	0.284E	0.800E	1.02	0.548	0.245B	16
17	3.10 B	0.295B	3.15 E	0.850E	0.265E	0.300E	1.30 E	0.258E	1.24 E	0.838	0.611	0.220B	17
18	1.25 B	0.277B	2.00 E	0.640E	0.280E	0.258E	1.21 E	0.240E	1.08 E	0.810	1.87	0.240B	18
19	0.900B	0.254B	1.87 E	0.630E	0.220E	0.220E	1.41 E	0.228E	0.940E	0.603	1.72	0.280B	19
20	0.880B	0.248B	1.85 E	0.638E	0.210E	0.245E	0.890E	0.218E	0.820E	0.424	1.03	0.215B	20
21	0.820B	0.243B	1.02 E	0.885E	0.195E	0.345E	0.730E	0.850E	0.715E	0.335	1.84	0.190B	21
22	0.630B	2.50 B	1.80 E	0.880E	0.180E	0.360E	0.840E	1.17 E	0.811A	0.387	2.30	0.178	22
23	0.388B	8.25 B	1.80 E	1.87 E	0.170E	0.385E	0.480E	1.03 A	0.422	0.395	1.84	0.167	23
24	0.328B	4.15 B	1.40 E	1.85 E	0.162E	0.350E	0.383E	0.930E	0.388	0.428	1.83	0.144	24
25	0.280B	2.45 B	0.710E	1.41 E	0.159E	0.330E	0.338E	0.690E	0.342	0.382	1.49	0.1408	25
26	0.260B	1.88 B	0.770E	1.12 E	0.148E	0.700E	0.288E	0.660E	0.305	0.274	1.23	0.1328	26
27	0.345B	1.15 B	0.880E	0.900E	0.133E	1.39 E	0.255E	0.550E	0.325	0.281	0.860B	0.3508	27
28	0.440B	0.870B	0.870E	0.760E	0.130E	0.980E	0.230E	0.480E	0.388	0.189	0.840B	1.30 B	28
29	0.380B		0.880E	0.650E	0.172E	0.780E	0.220E	0.405E	0.351	0.218	1.48	0.780B	29
30	0.360B		1.03 E	0.650E	0.180E	0.578E	0.830E	0.368E	0.383	0.238	1.37	0.520B	30
31	0.950B		0.730E		0.187E		0.800E	0.315E		0.228		0.400B	31
TOTAL	31.180	26.058	26.238	42.180	9.288	14.941	25.907	13.269	14.900	27.281	28.848	17.271	TOTAL
MEAN	1.01	1.00	0.846	1.41	0.300	0.498	0.838	0.428	0.497	0.879	0.885	0.557	MEAN
MAX	4.00	8.25	3.15	3.78	0.890	1.39	2.93	1.17	1.24	3.17	2.30	1.84	MAX
MIN	0.280	0.074	0.172	0.550	0.130	0.185	0.200	0.218	0.211	0.189	0.183	0.132	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.788
MAXIMUM DAILY, 8.25B ON FEB 23
MINIMUM DAILY, 0.074B ON FEB 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 42 32 N
LONG 53 28 24 W
DRAINAGE AREA, 15.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 690	JUL	2 240
FEB	2 420	AUG	1 150
MAR	2 270	SEP	1 290
APR	3 690	OCT	2 350
MAY	802	NOV	2 580
JUN	1 290	DEC	1 490

TOTAL DISCHARGE, 24 200 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 2.80 IS DUE TO CURVE EXTENSION

STAR BROOK BELOW STAR LAKE - STATION NO. 02YN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.808	2.608	11.0 E	8.20E	28.0E	15.6	3.88	1.84	13.4	19.2	10.8	15.4	1
2	3.638	2.758	10.1 E	7.20E	31.0E	14.4	3.80	1.78	14.4	18.2	10.3	15.1	2
3	3.748	2.708	9.20E	8.20E	48.0E	13.5	3.48	1.86	15.3	17.1	9.88	14.4	3
4	3.888	2.658	8.80E	9.50E	83.0E	12.8	3.27	2.20	14.5	16.5	10.8	14.4	4
5	3.898	2.808	7.80E	11.0 E	80.0E	12.0	3.13	3.46	13.4	16.4	11.8	14.0	5
6	3.808	2.528	7.30E	13.0 E	66.0E	11.2	3.10	4.68	12.2	15.7	11.8	13.8	6
7	3.428	2.488	8.80E	18.0 E	53.0E	10.8	2.88	8.78	11.3	14.7	11.8	13.8	7
8	3.358	2.428	9.00E	20.0 E	88.0E	9.81	2.88	11.3	10.5	14.8	11.4	13.4	8
9	3.528	2.388	8.80E	28.0 E	81.0E	8.78	2.78	11.2	9.67	15.1	11.1	12.4	9
10	3.688	2.328	8.10E	28.8 E	88.0E	8.28	2.70	11.4	8.88	28.7	11.4	11.8	10
11	3.858	2.298	4.70E	28.8 E	80.0E	7.48	2.81	10.7	8.30	35.7	12.8	10.8	11
12	4.008	2.238	4.40E	24.0 E	48.0E	7.28	2.44	10.0	8.37	33.7	13.7	10.8	12
13	4.208	2.188	4.10E	22.0 E	42.0E	7.30	2.48	18.3	8.80	30.1	18.1	10.1	13
14	4.108	2.188	3.90E	20.0 E	38.0E	8.88	2.44	24.2	9.02	27.8	18.3	9.71	14
15	4.008	2.128	3.70E	18.8 E	35.0E	8.47	2.83	28.1	8.83	28.0	18.6	9.81	15
16	3.848	2.088	3.88E	20.4 E	32.8E	8.10	2.48	23.8	8.81	22.3	17.0	9.43	16
17	3.808	2.068	3.80E	21.8 E	30.0E	5.81	2.46	20.7	8.30	24.8	24.8	9.81	17
18	3.608	2.028	4.20E	22.8 E	29.0	5.47	2.43	18.0	7.82	27.5	38.8	9.58	18
19	3.738	2.018	4.60E	24.0 E	28.4	5.28	2.32	15.7	7.38	28.7	37.7	9.34	19
20	3.858	2.008	5.00E	24.4 E	33.7	5.08	2.20	13.6	6.98	23.3	34.3	8.808	20
21	3.888	1.888	5.70E	22.8 E	21.8	4.81	2.18	12.8	6.85	21.0	30.1	8.708	21
22	3.508	2.30E	8.12A	21.0 E	18.7	4.73	2.20	17.7	6.17	19.8	28.3	8.608	22
23	3.408	3.00E	5.70E	18.8 E	18.0	4.52	2.12	21.4	5.92	20.4	26.8	8.408	23
24	3.348	4.50E	5.50E	18.2 E	16.7	4.41	2.03	22.8	5.88	19.8	24.8	8.208	24
25	3.288	8.40E	5.10E	17.3 E	15.7	4.24	1.97	23.0	5.08	18.3	20.8	8.008	25
26	3.208	8.50E	4.80E	16.3 E	17.8	4.08	1.88	22.5	5.87	18.8	18.5	7.808	26
27	3.138	12.5 E	4.60E	16.0 E	18.8	3.88	1.78	21.0	10.4	18.2	17.3	7.688	27
28	3.078	12.4 E	4.60E	17.5 E	19.0	3.74	1.84	18.7	15.2	13.9	16.3	7.608	28
29	3.008		4.20E	18.0 E	18.9	3.80	1.91	18.8	17.1	12.8	17.4	7.488	29
30	2.958		4.80E	20.5 E	18.2	3.85	1.83	16.6	18.5	11.9	17.7	7.408	30
31	2.888		5.40E		16.8		1.80	14.5		11.3		7.388	31
TOTAL	110.78	89.38	178.77	558.10	1 081.8	221.56	77.71	443.63	303.54	633.6	552.88	323.73	TOTAL
MEAN	3.57	3.55	5.87	18.6	34.3	7.39	2.51	14.3	10.1	20.4	18.4	10.4	MEAN
MAX	4.20	12.5	11.0	28.5	82.0	15.6	3.85	28.1	18.5	35.7	37.7	18.4	MAX
MIN	2.88	1.88	3.88	8.20	15.7	3.74	1.78	1.84	5.87	11.3	9.88	7.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.5
MAXIMUM DAILY, 83.0E ON MAY 4
MINIMUM DAILY, 1.88 ON AUG 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 36 48 N
LONG 57 13 41 W
DRAINAGE AREA, 427 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 570	JUL	6 710
FEB	6 580	AUG	38 300
MAR	15 200	SEP	25 200
APR	48 200	OCT	54 800
MAY	91 700	NOV	47 800
JUN	19 100	DEC	28 000

TOTAL DISCHARGE, 384 000 dam³

STE. GENEVIEVE RIVER NEAR FORRESTERS POINT - STATION NO. 02YA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.258	2.938	2.688	3.708	10.7	18.4	5.55	2.83	8.45	7.53	7.45	7.038	1
2	4.158	2.888	2.818	3.658	11.8	18.7	5.20	2.74	8.42	7.44	7.14	6.908	2
3	4.058	2.808	2.588	3.808	13.5	18.5	4.78	2.58	8.81	7.88	7.12	6.758	3
4	4.008	2.788	2.508	3.588	18.3	18.5	4.34	2.47	8.22	8.44	8.08	6.608	4
5	3.958	2.708	2.488	4.408	16.8	18.8	4.11	2.18	8.74	8.58	8.20	6.438	5
6	3.878	2.888	2.418	6.008	18.5	18.5	4.08	3.53	8.27	8.53	8.43	6.308	6
7	3.858	2.808	2.378	7.608	17.2	15.2	6.44	4.31	7.82	8.47	8.58	6.208	7
8	3.858	2.558	2.328	8.608	18.1	14.5	7.22	5.15	7.41	8.80	8.33	6.088	8
9	4.208	2.508	2.288	8.408	18.4	13.4	7.13	5.14	7.28	8.74	8.38	6.008	9
10	4.518	2.488	2.238	8.208	20.0	12.7	6.48	4.58	7.10	11.8	8.78	6.108	10
11	4.458	2.408	2.208	6.808	20.7	12.3	5.98	3.82	7.18	11.8	8.84	8.458	11
12	4.388	2.368	2.178	6.808	21.3	12.0	5.68	3.58	11.0	11.8	8.85	8.808	12
13	4.288	2.308	2.128	6.208	22.1	11.8	5.11	3.38	10.5	10.8	8.77	7.108	13
14	4.188	2.278	2.088	6.008	21.4	11.0	5.32	3.28	9.88	10.8	8.48	7.308	14
15	4.108	2.228	2.058	7.708	20.8	10.4	5.14	3.36	9.07	10.7	8.808	7.308	15
16	4.008	2.188	4.808	7.508	20.7	9.52	5.65	4.63	8.34	10.3	8.58	7.088	16
17	3.928	2.148	4.758	7.308	20.7	8.72	5.24	10.8	7.35	10.2	8.10	6.858	17
18	3.858	2.088	4.658	7.208	20.4	8.52	4.87	12.0	7.48	10.5	8.20	6.758	18
19	3.788	2.058	4.608	7.408	19.3	8.38	4.81	10.8	8.82	10.1	8.16	6.808	19
20	3.708	2.068	4.808	7.858	17.6	8.13	4.58	9.58	8.20	9.88	8.81	6.458	20
21	3.638	2.488	4.408	7.508	18.7	8.02	4.28	8.48	8.07	9.18	8.82	6.358	21
22	3.588	3.108	4.328	7.408	18.8	7.88	4.23	8.48	8.17	8.51	8.41	6.208	22
23	3.508	3.058	4.258	7.208	20.2	7.70	4.22	8.63	8.11	8.41	8.408	8.008	23
24	3.438	3.008	4.208	7.358	18.3	7.45	4.03	8.62	8.81	8.22	8.308	5.908	24
25	3.388	2.948	4.158	7.608	17.8	8.89	3.87	11.4	8.78	8.41	8.108	5.808	25
26	3.308	2.878	4.058	7.958	18.5	6.81	3.38	11.8	8.80	8.38	7.958	5.838	26
27	3.228	2.828	4.008	8.208	18.4	6.38	3.31	11.8	7.27	8.13	7.758	5.838	27
28	3.168	2.788	3.958	8.71	18.4	6.28	3.40	10.1	7.71	8.88	7.558	5.408	28
29	3.108		3.898	8.48	18.2	7.23	3.48	9.35	7.85	8.81	7.408	5.308	29
30	3.048		3.838	8.80	17.8	6.88	3.21	8.78	7.87	8.20	7.238	5.208	30
31	3.008		3.788		17.3		3.04	8.28		7.80		5.058	31
TOTAL	117.82	71.91	103.17	220.28	588.7	324.87	157.00	212.86	235.86	292.08	249.84	195.47	TOTAL
MEAN	3.80	2.57	3.33	7.34	18.4	10.8	5.06	6.86	7.86	9.42	8.32	6.31	MEAN
MAX	4.51	3.10	4.80	8.80	22.1	18.8	7.22	12.0	10.5	11.8	8.20	7.30	MAX
MIN	3.00	2.08	2.08	3.58	10.7	8.28	3.04	2.47	6.87	7.44	7.12	5.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.53
MAXIMUM DAILY, 22.1 ON MAY 13
MINIMUM DAILY, 2.08 ON FEB 19
MAXIMUM INSTANTANEOUS,
22.2 AT 02:52 NST ON MAY 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 16 N
LONG 56 47 32 W
DRAINAGE AREA, 308 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 200	JUL	13 800
FEB	6 210	AUG	18 400
MAR	8 810	SEP	20 400
APR	19 000	OCT	25 200
MAY	48 200	NOV	21 800
JUN	28 100	DEC	18 900

TOTAL DISCHARGE, 238 000 dam³

TERRA NOVA RIVER AT GLOVERTOWN - STATION NO. 02YS005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.88	25.38	45.8	42.8	88.5	28.0	15.5	13.5	11.3	8.80	22.5	43.58	1
2	23.08	24.78	48.1	44.7	85.8	28.4	15.1	13.3	11.2	10.1	23.8	40.58	2
3	22.48	23.98	47.08	45.0	84.3	30.1	14.7	13.2	11.2	10.5	20.9	38.08	3
4	21.98	23.18	46.08	43.0	101	28.8	14.8	13.0	10.7	11.4	21.8	40.5	4
5	21.28	22.28	43.08	43.2	95.8	30.2	14.8	13.1	10.7	11.9	24.0	46.2	5
6	20.88	21.88	41.08	50.5	85.5	28.3	14.4	13.8	10.3	12.3	18.4	44.0	6
7	20.28	21.18	39.28	63.2	84.3	26.5	14.4	13.8	10.2	12.8	19.2	42.08	7
8	20.08	20.48	37.88	82.2	92.1	27.7	14.0	14.8	10.1	13.7	18.8	40.58	8
9	22.08	19.98	35.88	107	88.5	24.8	13.7	15.9	9.77	14.7	18.4	38.08	9
10	23.88	19.38	34.98	118	83.5	23.8	13.8	16.1	9.88	14.6	18.6	36.88	10
11	26.08	18.48	33.48	126	78.8	22.9	13.8	14.3	9.44	15.6	19.1	36.08	11
12	26.08	18.28	32.28	138	74.7	22.1	13.8	14.0	9.88	17.5	18.6	33.58	12
13	32.48	17.98	31.08	148	68.5	22.8	13.5	13.8	10.0	20.6	20.6	32.18	13
14	34.58	17.48	30.08	147	65.4	22.1	13.3	13.3	9.88	24.8	20.1	31.08	14
15	36.28	17.18	28.78	141	58.4	21.1	14.8	14.0	9.88	28.5	18.0	29.78	15
16	37.58	16.78	31.08	138	53.2	21.5	18.0	13.8	9.88	28.6	18.4	28.38	16
17	38.28	16.28	35.08	132	51.6	25.8	15.1	13.4	9.80	32.6	20.8	27.08	17
18	38.88	15.88	39.28	125	44.8	20.0	14.6	13.2	9.58	33.3	23.8	27.48	18
19	38.28	15.48	43.08	123	46.4	20.2	14.5	12.8	9.08	32.8	24.1	28.18	19
20	36.08	15.18	46.58	120	43.7	18.8	14.7	12.8	8.88	33.4	28.8	27.68	20
21	37.08	14.88	48.5	120	36.3	18.4	14.8	12.7	8.31	33.5	36.2	27.08	21
22	35.58	17.08	51.8	113	36.8	18.0	14.3	12.5	8.81	33.0	37.4	26.08	22
23	34.28	21.58	52.0	116	36.0	18.4	14.7	12.4	9.08	32.3	42.1	25.08	23
24	33.08	26.58	51.2	122	33.4	17.8	14.7	12.4	9.88	29.7	45.3	24.08	24
25	32.28	36.08	50.3	117	31.8	17.8	14.8	12.3	9.41	30.4	48.4	23.08	25
26	31.08	38.5	50.8	116	33.4	17.2	14.7	12.1	8.70	27.5	51.8	22.08	26
27	30.08	41.5	52.4	117	32.8	17.0	14.5	12.0	8.80	28.5	51.4	21.18	27
28	28.88	44.0	50.4	110	31.2	16.8	14.2	11.8	10.3	28.2	48.58	22.28	28
29	28.08		49.4	106	31.2	16.7	14.2	11.8	9.78	25.3	47.08	21.88	29
30	27.18		47.0	102	29.8	16.3	14.0	11.8	9.83	25.8	46.08	21.18	30
31	26.38		44.5		27.4		13.7	11.8		25.5		20.58	31
TOTAL	811.0	631.2	1 317.4	3 115.8	1 887.8	883.8	448.3	406.3	288.43	708.30	889.3	983.7	TOTAL
MEAN	26.4	22.5	42.5	104	60.9	22.1	14.5	13.2	9.88	22.8	29.0	31.1	MEAN
MAX	38.8	44.0	52.8	147	101	30.2	18.0	16.8	11.3	33.5	51.8	46.2	MAX
MIN	20.0	14.8	28.7	42.0	27.4	16.2	13.3	11.8	8.70	9.80	18.0	20.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.8
MAXIMUM DAILY, 147 ON APR 14
MINIMUM DAILY, 8.70 ON SEP 26
MAXIMUM INSTANTANEOUS,
148 AT 21:09 NST ON APR 13

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 39 43 N
LONG 54 01 05 W
DRAINAGE AREA, 2 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	78 700	JUL	38 700
FEB	54 500	AUG	35 300
MAR	114 000	SEP	25 000
APR	288 000	OCT	61 200
MAY	163 000	NOV	75 100
JUN	67 400	DEC	83 300

TOTAL DISCHARGE, 1 080 000 dam³

TIDES BROOK BELOW FRESHWATER POND - STATION NO. 022G002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.308	3.288	12.4	5.25	9.80	4.12	2.83	1.84	2.55	11.0	2.83	13.2	1
2	5.058	3.038	10.5	9.02	9.35	4.82	2.51	1.50	2.93	9.80	2.83	11.8	2
3	4.828	2.788	8.88	11.2	9.08	5.00	2.32	1.40	3.37	9.05	2.87	10.2	3
4	4.598	2.588	7.84	11.1	8.80	5.34	2.15	1.33	3.48	11.0	3.83	12.2	4
5	5.028	3.368	8.83	11.0	8.44	5.30	2.01	1.38	3.28	13.8	4.07	15.8	5
6	5.84	3.228	8.07	11.8	7.91	5.08	1.91	1.30	3.07	13.7	4.08	14.4	6
7	5.85	3.088	9.38	15.7	7.38	5.74	2.00	1.38	2.88	13.0	4.33	13.3	7
8	5.82	1.948	4.78	21.8	8.80	5.28	1.82	1.82	2.88	15.2	4.83	12.8	8
9	5.71	1.828	4.21	23.7	8.18	4.88	1.88	1.80	2.84	15.0	4.87	11.3	9
10	15.5	1.718	3.77	22.0	8.71	4.90	1.88	2.01	2.59	16.1	5.51	9.40	10
11	16.4	1.828	3.41	18.8	8.34	4.10	2.05	2.08	2.54	18.7	6.81	8.858	11
12	14.4	1.528	3.02	17.0	8.00	3.88	3.37	2.02	2.48	14.8	7.12	7.758	12
13	18.4	1.478	2.88	15.3	8.87	3.78	3.38	1.85	2.40	13.7	7.02	7.008	13
14	20.4	1.888	2.88	13.8	8.48	3.85	3.28	2.11	2.33	12.1	8.52	6.408	14
15	18.9	1.888	2.51	12.0	8.18	3.22	3.40	2.22	2.87	10.7	8.22	5.858	15
16	22.0	1.588	4.08	11.0	3.93	3.03	3.78	2.28	8.48	9.38	8.23	5.428	16
17	24.3	1.488	3.32	9.88	3.88	2.80	3.74	2.30	7.18	8.40	7.18	5.088	17
18	20.7	1.438	8.78	9.08	3.30	2.81	3.85	2.13	7.88	7.51	8.80	4.778	18
19	17.1	1.388	8.67	9.10	3.17	2.48	3.74	2.08	7.91	8.88	10.2	4.358	19
20	14.1	1.288	8.21	8.55	2.94	2.38	3.84	1.95	7.78	8.01	10.3	4.028	20
21	12.1	1.80	8.02	8.88	2.72	2.28	3.41	1.83	7.80	8.57	10.4	3.888	21
22	10.3	4.63	8.88	8.78	2.64	2.28	3.14	1.73	8.24	8.38	11.3	3.828	22
23	8.80	17.4	7.80	13.8	2.80	2.28	2.86	1.59	8.45	8.27	13.1	3.488	23
24	7.75	28.8	7.06	17.0	2.37	2.23	2.88	1.55	7.93	8.00	14.3	3.238	24
25	8.85	28.1	8.42	18.3	2.28	2.20	2.48	1.54	7.80	4.87	15.8	3.088	25
26	8.87	23.4	8.80	14.8	3.28	2.34	2.31	1.88	7.20	4.28	13.8	2.888	26
27	8.488	18.8	8.48	13.7	3.88	2.83	2.18	1.41	11.0	3.84	12.1	3.72	27
28	4.858	18.2	8.34	12.4	4.15	2.88	2.10	1.24	13.8	3.71	10.8	4.42	28
29	4.388		8.08	11.4	4.78	2.88	2.02	1.13	13.1	3.33	13.0	4.10	29
30	3.888		8.37	10.7	4.88	3.78	1.90	1.15	12.4	3.18	14.8	3.718	30
31	3.618		8.27		4.43		1.78	1.87		2.84		3.428	31
TOTAL	328.82	178.84	180.88	398.88	158.18	110.87	82.11	53.33	175.92	284.00	248.87	222.81	TOTAL
MEAN	10.5	8.32	8.84	13.3	8.10	3.70	2.65	1.72	8.88	8.18	8.28	7.18	MEAN
MAX	24.3	28.8	12.4	23.7	9.80	8.34	3.78	2.30	13.8	18.1	15.8	15.8	MAX
MIN	3.81	1.28	2.51	8.25	2.28	2.20	1.78	1.13	2.33	2.84	2.83	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.83
MAXIMUM DAILY, 28.8 ON FEB 24
MINIMUM DAILY, 1.13 ON AUG 29
MAXIMUM INSTANTANEOUS,
30.8 AT 23:38 NST ON FEB 24

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 07 38 N
LONG 55 15 54 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 200	JUL	7 080
FEB	15 300	AUG	4 610
MAR	15 800	SEP	15 200
APR	34 400	OCT	27 500
MAY	13 700	NOV	21 500
JUN	9 580	DEC	19 300

TOTAL DISCHARGE, 209 000 dam³

NEWFOUNDLAND AND LABRADOR

TORRENT RIVER AT BRISTOL'S POOL - STATION NO. 02YC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.768	4.458	3.208	8.53	25.5	53.5	9.84	4.35	45.1	28.6	24.0	15.8	1
2	5.558	4.408	3.168	8.24	28.6	58.0	10.7	4.11	55.6	32.6	22.4	15.1	2
3	5.378	4.308	3.088	7.81	36.0	49.5	11.3	3.98	58.7	34.8	21.1	14.5	3
4	5.158	4.208	3.028	7.11	52.1	45.4	11.6	3.88	55.1	35.8	31.0	13.5	4
5	5.008	4.158	2.998	6.76	85.0	42.8	11.8	3.84	48.4	38.7	22.4	12.6	5
6	5.838	4.058	2.818	6.72	107	40.7	11.5	4.64	41.5	40.8	25.7	11.9	6
7	5.708	4.008	2.868	7.74	101	39.0	11.4	8.61	35.8	40.2	28.3	11.4	7
8	5.578	3.938	2.648	8.84	103	38.3	11.4	28.6	30.6	39.1	30.2	10.8	8
9	5.508	3.878	2.608	13.3	117	33.0	11.4	48.5	28.2	37.3	28.6	11.7	9
10	7.008	3.808	2.788	20.9	133	30.0	11.5	57.0	22.6	36.8	26.6	11.6	10
11	6.808	3.758	2.728	27.1	135	27.2	11.6	53.0	20.6	45.1	26.1	11.4	11
12	6.508	3.678	2.708	29.0	131	24.4	11.7	44.7	22.2	50.6	27.7	11.4	12
13	6.308	3.608	2.668	28.0	137	22.0	11.8	37.3	23.6	50.2	28.0	11.5	13
14	6.108	3.538	2.638	26.6	134	19.7	11.2	31.0	25.4	45.7	28.2	11.6	14
15	6.008	3.508	2.808	23.3	109	17.8	10.2	28.6	25.8	41.3	27.0	11.8	15
16	5.908	3.428	3.108	21.6	89.8	16.1	9.77	26.6	25.0	38.0	25.8	11.5	16
17	5.808	3.388	3.788	20.3	76.2	14.7	9.51	43.6	23.6	38.8	26.3	11.3	17
18	5.708	3.308	4.808	19.4	66.0	13.5	9.27	77.2	21.7	36.7	24.8	11.0	18
19	5.808	3.238	5.808	18.5	61.0	12.8	8.91	85.8	20.0	33.6	24.8	10.4	19
20	5.508	3.208	7.808	21.7	80.3	12.5	8.40	73.2	18.7	31.4	26.8	10.3	20
21	5.408	3.458	8.808	23.9	88.8	12.5	7.98	58.1	16.8	29.1	28.3	10.0	21
22	5.308	3.858	11.5	25.1	87.3	12.7	7.68	47.4	15.5	28.1	25.2	9.84	22
23	5.208	3.608	12.4	26.0	81.6	12.4	7.12	38.4	14.5	28.8	25.2	9.35	23
24	5.108	3.558	12.7	25.8	68.0	12.2	6.72	34.4	13.6	31.0	24.0	9.34	24
25	5.008	3.498	12.7	25.1	57.7	11.6	6.53	32.4	12.9	32.8	22.8	8.83	25
26	4.908	3.438	12.3	24.8	49.3	11.2	6.22	33.6	12.6	33.0	21.2	8.42	26
27	4.808	3.388	11.5	24.7	42.3	11.1	5.82	38.1	18.1	33.5	19.6	8.26	27
28	4.788	3.308	10.5 e	24.5	84.4	10.7	5.86	40.6	17.4	32.1	18.5	8.208	28
29	4.658		10.0 e	24.7	88.6	9.78	5.61	40.6	20.7	29.5	17.4	8.14	29
30	4.608		9.508	25.3	74.5	9.41	5.00	37.7	26.3	27.3	16.8	7.808	30
31	4.558		9.23		72.3		4.61	37.5		25.7		7.67	31
TOTAL	178.87	103.87	190.23	581.28	2 521.2	731.37	263.17	1 104.70	811.8	1 107.7	737.4	338.74	TOTAL
MEAN	5.70	3.70	6.14	19.4	81.3	24.4	8.13	35.6	27.1	35.7	24.6	10.9	MEAN
MAX	7.00	4.46	12.7	29.0	137	63.5	11.7	85.8	58.7	50.6	30.2	15.8	MAX
MIN	4.55	3.20	2.80	6.73	25.5	9.41	4.61	3.84	12.8	25.7	16.8	7.67	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.8
MAXIMUM DAILY, 137 ON MAY 13
MINIMUM DAILY, 2.808 ON MAR 15
MAXIMUM INSTANTANEOUS,
141 AT 01:45 NST ON MAY 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 27 N
LONG 57 09 04 W
DRAINAGE AREA, 824 km²

e - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 300	JUL	24 500
FEB	9 550	AUG	85 400
MAR	18 400	SEP	70 100
APR	50 200	OCT	85 700
MAY	218 000	NOV	63 700
JUN	63 200	DEC	29 100

TOTAL DISCHARGE, 751 000 dam³

TROUT BROOK NEAR BELLEVUE - STATION NO. 02ZK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8808	0.4008	1.15 e	1.04	0.880	0.337	0.371	0.402	1.05	3.82	0.897	1.02 e	1
2	0.8858	0.3858	0.8408	5.26	0.847	0.818	0.341	0.331	0.748	2.67	0.735	0.8008	2
3	0.7408	0.3258	0.8308	4.36	0.818	0.814	0.311	0.303	0.685	2.18	0.689	0.8108	3
4	0.8708	0.2888	0.8108	3.28	1.07	0.891	0.280	0.278	0.655	2.87	2.80	1.80 e	4
5	1.06 e	0.2578	0.4288	3.01	0.848	0.847	0.267	0.261	0.685	2.77	2.08	3.10	5
6	1.30 e	0.2328	0.3888	3.20	0.885	0.788	0.252	0.284	0.427	2.48	1.62	2.22	6
7	1.10 e	0.2088	0.3228	4.85	0.788	0.742	0.238	0.638	0.376	2.02	1.57	1.88	7
8	0.8008	0.1908	0.2658	5.55	0.747	0.667	0.816	0.812	0.331	2.01	1.84	1.80 e	8
9	5.00 e	0.1728	0.2558	5.64	0.744	0.574	0.996	0.808	0.289	1.83	1.38	1.27 e	9
10	3.86 e	0.1588	0.2308	4.14	0.886	0.501	1.40	0.887	0.263	2.12	1.30	1.08 e	10
11	2.62 e	0.1488	0.2078	3.50	0.805	0.417	1.12	0.815	0.287	1.85	1.53	0.9708	11
12	3.30 e	0.1378	0.1898	3.06	0.580	0.380	1.07	0.723	0.322	1.51	1.77	0.8608	12
13	2.80 e	0.1278	0.1718	2.81	0.582	0.368	0.867	0.827	0.321	2.37	2.08	0.7708	13
14	2.30 e	0.1188	0.1568	2.48	0.598	0.346	0.815	0.694	0.288	1.92	1.85	0.7008	14
15	3.78 e	0.1088	0.1458	2.28	0.524	0.313	1.36	0.597	0.425	1.64	1.31	0.8408	15
16	4.50 e	0.1018	0.8008	2.12	0.488	0.281	1.24	0.644	2.34	1.48	1.33	0.8808	16
17	3.20 e	0.0958	1.75 e	2.07	0.478	0.241	0.893	0.508	1.34	1.40	1.75	0.9508	17
18	2.35 e	0.0888	1.48 e	1.86	0.480	0.224	0.795	0.481	1.63	1.22	2.73	0.8308	18
19	1.85 e	0.0808	1.25 e	2.04	0.418	0.268	0.712	0.388	1.38	1.06	1.88	0.8008	19
20	1.23 e	0.1358	1.10 e	2.01	0.380	0.844	0.633	0.385	1.22	0.917	1.81	0.7308	20
21	0.8108	0.4008	1.53 e	1.93	0.377	0.641	0.518	0.330	1.09	0.815	1.73	0.8508	21
22	0.7208	2.80 e	1.20 e	1.81	0.344	0.532	0.494	0.343	1.03	0.980	4.84	0.9308	22
23	0.5508	14.0 e	0.9908	2.88	0.348	0.452	0.478	0.344	0.878	1.13	2.78	0.9308	23
24	0.4808	7.30 e	0.8508	1.83	0.336	0.406	0.441	0.322	0.921	0.978	2.77	0.8808	24
25	0.3858	4.40 e	0.8908	1.37	0.317	0.385	0.402	0.341	0.817	0.885	2.36	0.8408	25
26	0.3108	2.80 e	1.13 e	1.18	0.318	0.448	0.384	0.378	0.865	0.813	1.75 e	0.8008	26
27	0.4408	1.85 e	1.01 e	1.09	0.328	0.534	0.321	0.338	2.08	0.782	1.51 e	1.08 e	27
28	0.6208	1.43 e	0.9308	1.02	0.331	0.483	0.280	0.316	1.88	0.718	1.30 e	2.20 e	28
29	0.3898		1.21 e	0.920	0.404	0.473	0.395	0.304	1.47	0.898	1.41 e	1.35 e	29
30	0.2808		1.42 e	0.908	0.383	0.436	0.589	0.293	4.79	0.888	1.25 e	0.7908	30
31	0.3458		1.30 e		0.358		0.508	0.708		0.858		0.7208	31
TOTAL	60.114	38.315	24.834	78.908	17.384	15.087	19.852	14.715	30.449	48.993	53.351	31.820	TOTAL
MEAN	1.62	1.37	0.795	2.65	0.580	0.502	0.831	0.475	1.01	1.58	1.78	1.02	MEAN
MAX	5.00	14.0	1.75	5.64	1.07	0.914	1.40	0.887	4.79	3.82	4.84	3.10	MAX
MIN	0.290	0.080	0.145	0.908	0.317	0.224	0.252	0.261	0.289	0.858	0.897	0.400	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.15
MAXIMUM DAILY, 14.08 ON FEB 23
MINIMUM DAILY, 0.0808 ON FEB 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 21 N
LONG 53 45 53 W
DRAINAGE AREA, 80.3 km²

e - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 330	JUL	1 880
FEB	3 310	AUG	1 270
MAR	2 130	SEP	2 830
APR	6 870	OCT	4 230
MAY	1 500	NOV	4 810
JUN	1 300	DEC	3 730

TOTAL DISCHARGE, 38 800 dam³

UGJOKTOK RIVER BELOW HARP LAKE - STATION NO. 03NF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.0B	16.3B	12.5 B	9.50B	13.4B	820	256	184	133E	190E	154 E	80.0B	1
2	22.6B	16.3B	12.3 B	9.50B	13.3B	775	263	198	138E	200E	148 E	78.0B	2
3	22.3B	16.0B	12.2 B	9.40B	13.2B	775	251	197	143E	216E	146 E	76.0B	3
4	22.0B	15.9B	12.1 B	9.35B	13.2B	781	238	187	148E	225E	140 E	74.0B	4
5	21.8B	15.7B	12.0 B	9.30B	13.2B	787	228	176	150E	238E	136 E	72.0B	5
6	21.6B	15.6B	11.8 B	9.20B	15.0B	696	208	169 E	154E	248E	131 E	71.0B	6
7	21.2B	15.3B	11.8 B	9.10B	17.8B	641	192	163 E	158E	268E	128 E	69.0B	7
8	21.1B	15.2B	11.7 B	9.10B	20.0B	605	179	158 E	166E	270E	124 E	67.5B	8
9	20.8B	15.0B	11.6 B	9.05B	33.5B	582	172A	152 E	164E	280E	120 E	66.0B	9
10	20.0B	14.9B	11.5 B	9.00B	27.0B	517	169E	148 E	161E	288E	117 E	64.0B	10
11	20.2B	14.8B	11.4 B	8.95B	32.0B	483	158E	145 E	149E	290E	113 E	63.0B	11
12	20.0B	14.6B	11.3 B	8.90B	42.0B	460	150E	140 E	145E	285E	110 E	61.0B	12
13	19.9B	14.5B	11.2 B	8.80B	50.0B	434	148E	136 E	143E	280E	108 E	60.0B	13
14	19.4B	14.3B	11.1 B	8.70B	75.0B	405	140E	132 E	140E	272E	103 E	58.5B	14
15	19.6B	14.2B	11.0 B	8.85B	110 B	381	135E	128 E	138E	267E	100 E	57.0B	15
16	19.3B	14.0B	10.9 B	8.80B	180 B	356	130E	124 E	132E	255E	97.0E	56.0B	16
17	19.0B	13.9B	10.8 B	8.85B	248 B	332	127E	120 E	130E	250E	94.0E	55.0B	17
18	18.9B	13.8B	10.7 B	8.80B	480 E	314	122E	118 E	127E	240E	89.0E	54.0B	18
19	18.7B	13.7B	10.6 B	8.00B	510 E	307	118E	113 E	124E	230E	102	52.5B	19
20	18.5B	13.6B	10.5 B	8.50B	570 E	287	108E	110 E	121E	225E	105	51.5B	20
21	18.3B	13.5B	10.4 B	10.0 B	800 E	286	105E	108 E	119E	217E	105	50.0B	21
22	18.0B	13.4B	10.4 B	10.6 B	840 E	273	104E	103 E	118E	210E	100 B	48.5B	22
23	17.8B	13.3B	10.3 B	11.5 B	870 E	280	103E	100 E	124E	203E	96.0B	46.0B	23
24	17.7B	13.1B	10.2 B	12.0 B	700 E	247	102E	98.0E	130E	189E	95.0B	47.0B	24
25	17.6B	13.0B	10.1 B	12.6 B	730 E	235	102E	100 E	138E	181E	93.0B	46.0B	25
26	17.3B	12.8B	10.0 B	13.3 B	750 E	224	102E	103 E	146E	188E	90.0B	45.3B	26
27	17.3B	12.6B	10.0 B	13.7 B	780 E	208	102E	109 E	163E	180E	88.0B	44.0B	27
28	17.0B	12.7B	9.80B	13.7 B	800 E	187	103E	113 E	163E	174E	86.0B	43.5B	28
29	16.9B		9.60B	13.6 B	820 E	208	119E	119 E	170E	170E	84.0B	42.5B	29
30	16.7B		9.70B	13.6 B	830 E	243	130E	122 E	160E	163E	82.0B	42.0B	30
31	16.5B		9.70B		840 E		166E	127 E		160E		41.5B	31
TOTAL	601.8	402.1	338.80	306.45	10 583.3	13 101	4 714	4 188.0	4 276	7 046	3 296.0	1 785.9	TOTAL
MEAN	19.4	14.4	11.0	10.2	341	437	152	135	143	227	110	57.6	MEAN
MAX	22.8	16.3	12.5	13.7	840	820	263	198	180	290	154	80.0	MAX
MIN	16.5	12.7	9.70	8.50	13.2	187	102	98.0	118	160	82.0	41.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 139
MAXIMUM DAILY, 840E ON MAY 31
MINIMUM DAILY, 8.50B ON APR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 14 00 N
LONG 61 17 57 W
DRAINAGE AREA, 7 570 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 000	JUL	407 000
FEB	34 700	AUG	383 000
MAR	29 300	SEP	368 000
APR	26 400	OCT	608 000
MAY	914 000	NOV	285 000
JUN	1 130 000	DEC	154 000

TOTAL DISCHARGE, 4 370 000 dam³

UPPER HUMBER RIVER ABOVE BLACK BROOK - STATION NO. 02YL008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.70B	4.15B	29.0 B	12.0B	13.8	88.0	17.7	2.81E	45.6	48.7	10.8	11.7 B	1
2	4.55B	4.00B	26.0 B	13.0B	23.1	58.5	17.3	2.84E	40.0	41.8	12.4	10.8 B	2
3	4.44B	3.88B	22.0 B	14.8B	49.5	55.6	14.7	2.84E	39.0	39.0	14.5	10.2 B	3
4	4.30B	3.75B	19.0 B	17.0B	84.0	52.6	12.1	2.81E	32.6	32.4	44.5	9.60B	4
5	4.20B	3.65B	18.0 B	20.0B	104	51.3	10.1	3.06E	23.6	38.7	70.3	9.00B	5
6	4.05B	3.55B	14.0 B	25.0B	93.2	84.7	8.88	5.28	18.5	33.4	51.9	8.60B	6
7	4.00B	3.46B	12.5 B	32.0B	84.9	62.0	8.26	27.4	13.1	26.1	35.7	8.00B	7
8	4.10B	3.35B	11.4 B	40.0B	96.7	44.0	7.61	72.5	10.6	26.1	28.1	7.80B	8
9	4.60B	3.25B	10.3 B	52.9B	129	38.2	7.11	61.0	9.28	26.1	23.7	7.20B	9
10	5.10B	3.15B	9.80B	49.0B	152	34.7	7.08	46.1	8.51	52.5	22.0	7.80B	10
11	5.80B	3.10B	8.70B	44.0B	151	29.0	6.72	32.5	8.15	59.3	35.8	8.40B	11
12	6.70B	3.00B	8.00B	38.0B	131	24.8	6.46	22.4	8.02	43.0	41.8	8.80B	12
13	7.50B	2.88B	7.80B	35.0B	148	21.4	6.30	16.3	7.27	31.1	46.0	8.40B	13
14	8.30B	2.65B	8.80B	32.0B	117	18.1	5.78	12.8	6.72	28.4	38.4	8.00B	14
15	8.00B	2.78B	8.40B	29.0B	108	17.4	5.08	11.4	8.22	28.8	29.4	7.70B	15
16	7.70B	2.68B	7.80B	28.0B	105	15.8	4.74	10.8	6.85	27.7	21.8	7.30B	16
17	7.30B	3.83B	10.0 B	24.0B	88.4	14.5	4.83	11.3	5.35	27.8	28.3	6.90B	17
18	7.10B	2.55B	16.0 B	20.8	88.6	14.5	4.03	18.0	4.88	33.1	87.6	6.80B	18
19	6.80B	2.50B	21.0 B	24.6	93.2	16.8	3.75	18.5	4.64	31.1	88.1	6.40B	19
20	6.60B	2.45B	31.8 B	28.7	102	17.0	3.81	16.7	4.22	24.5	38.3	6.10B	20
21	6.30B	3.40B	28.0 B	28.6	108	18.7	3.33E	15.7	4.02	18.1	27.0	5.80B	21
22	6.00B	3.00B	26.0 B	18.6	83.3	18.3	3.24E	13.6	3.82	24.8	21.8	5.60B	22
23	5.80B	3.40B	22.5 B	16.6	82.7	16.7	3.25E	26.6	3.70	31.3	21.7	5.40B	23
24	5.80B	4.60B	20.5 B	14.8	86.6	14.7	3.17E	35.2	3.80	27.8	20.2	5.20B	24
25	5.40B	8.00B	18.0 B	13.4	93.2	13.5	3.06E	37.8	3.55	23.0	17.0	5.00B	25
26	5.20B	8.00B	17.5 B	13.1	107	12.4	3.14E	32.0	3.55	20.1	16.4B	4.80B	26
27	5.00B	14.0 B	16.0 B	11.6	107	11.7	3.06E	28.2	7.23	18.8	15.0B	4.60B	27
28	4.80B	31.0 B	15.0 B	10.8	8.4	11.0	3.05E	20.8	14.5	17.2	14.0B	4.40B	28
29	4.60B		14.0 B	10.8	104	12.2	3.09E	18.8	21.5	16.7	13.2B	4.20B	29
30	4.42B		13.5 B	11.5	85.3	15.7	3.07E	16.5	29.5	12.8	12.6B	4.10B	30
31	4.25B		12.7 B		78.6		2.99E	28.7		11.8		3.90B	31
TOTAL	173.41	137.83	487.30	727.4	3 887.8	839.8	186.30	887.82	395.12	805.6	898.3	217.90	TOTAL
MEAN	5.59	4.92	16.0	24.2	88.7	28.0	6.33	21.5	13.2	28.2	29.8	7.03	MEAN
MAX	8.30	31.0	31.8	52.8	152	88.0	17.7	72.5	45.6	59.3	70.3	11.7	MAX
MIN	4.00	2.40	8.40	10.8	13.8	11.0	2.85	2.81	3.55	11.8	10.8	3.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.7
MAXIMUM DAILY, 152 ON MAY 10
MINIMUM DAILY, 2.40B ON FEB 21
MAXIMUM INSTANTANEOUS,
159 AT 08:37 NST ON MAY 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 08 N
LONG 57 17 38 W
DRAINAGE AREA, 471 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 000	JUL	17 000
FEB	11 800	AUG	57 700
MAR	43 000	SEP	34 100
APR	62 800	OCT	78 200
MAY	255 000	NOV	77 400
JUN	72 800	DEC	18 800

TOTAL DISCHARGE, 748 000 dam³

REMARKS - THE E FOR DISCHARGE BELOW 3.45 IS DUE TO CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

UPPER HUMBER RIVER NEAR REIDVILLE - STATION NO. 02YL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.28	12.6 B	56.08	16.08	85.3	183	30.8	4.88	115	53.4	41.1	30.08	1
2	13.88	13.4 B	54.08	15.88	111	129	31.3	4.30	113	75.8	39.1	28.08	2
3	13.08	13.8 B	50.08	17.08	165	114	29.8	3.80	102	74.0	40.5	26.58	3
4	12.58	13.2 B	46.08	19.58	250	104	27.5	4.52	84.7	97.8	97.5	25.08	4
5	12.08	12.6 B	42.08	21.58	298	97.9	24.4	7.53	80.0	85.9	185	24.08	5
6	11.78	12.3 B	39.08	27.08	287	92.5	21.8	11.0	78.0	83.4	188	22.58	6
7	11.38	11.9 B	36.08	35.08	265	90.7	20.2	30.4	84.0	80.5	133	22.08	7
8	11.48	11.2 B	33.08	50.08	254	84.2	18.0	80.1	80.0	75.3	107	21.38	8
9	13.58	10.9 B	30.08	70.08	252	76.0	17.2	85.8	42.5	82.4	88.1	23.08	9
10	16.08	10.3 B	28.08	110 B	348	68.8	16.2	74.2	36.9	140	80.0	24.58	10
11	14.98	10.0 B	25.58	163 B	390	60.0	15.4	61.5	32.6	204	81.1	35.58	11
12	21.58	9.908	23.08	135 B	380	54.0	15.3	50.9	30.1	176	108	25.08	12
13	24.08	9.608	21.08	116 B	340	51.1	14.7	46.4	28.9	130	123	24.08	13
14	28.08	9.208	20.58	104 B	324	47.2	13.9	43.5	27.4	103	124	23.08	14
15	25.58	9.008	28.48	98.08	277	44.0	13.0	38.8	26.9	88.3	105	21.98	15
16	26.08	8.708	23.08	95.08	246	39.9	12.3	38.5	24.1	77.3	88.1	20.58	16
17	22.48	8.508	26.08	87.08	226	36.4	11.3	38.7	22.2	89.9	87.2	19.88	17
18	21.88	8.208	35.08	104 B	203	33.8	10.4	41.3	20.5	101	127	18.78	18
19	20.58	8.008	43.08	112 B	188	32.6	9.24	43.9	17.9	96.2	188	17.88	19
20	19.58	7.758	55.08	131	189	33.5	8.89	43.9	16.4	85.4	147	17.08	20
21	18.58	7.608	72.08	126	193	31.8	8.40	43.7	15.7	72.3	114	16.08	21
22	17.78	10.5 B	68.08	107	190	31.9	8.02	85.4	14.8	80.1	96.1	15.28	22
23	17.08	13.5 B	59.08	98.4	186	32.4	7.41	102	13.3	119	85.7	14.68	23
24	16.18	16.7 B	51.08	94.2	187	31.0	8.80	126	13.1	117	77.5	14.08	24
25	15.38	20.0 B	43.08	88.8	183	28.0	8.52	128	13.1	95.1	80.6	13.38	25
26	14.88	25.0 B	36.58	82.5	201	26.0	8.46	106	13.0	78.4	46.58	12.78	26
27	13.98	35.0 B	31.08	76.8	233	24.8	8.18	82.8	30.7	86.4	42.08	12.08	27
28	13.48	61.0 B	26.28	72.3	221	24.1	8.58	68.0	40.8	62.6	36.08	11.58	28
29	12.88		22.88	70.4	209	24.8	8.47	62.4	53.9	56.2	36.08	11.08	29
30	12.58		20.08	73.4	203	27.3	9.06	72.3	57.8	50.3	32.58	10.48	30
31	12.28		18.08		181		4.91	111		45.1		10.08	31
TOTAL	521.6	400.76	1 176.9	2 426.6	7 264.3	1 719.6	432.46	1 719.33	1 284.9	2 636.2	2 716.6	601.1	TOTAL
MEAN	16.8	14.3	37.9	80.9	234	57.3	14.0	55.5	42.2	81.6	80.6	19.4	MEAN
MAX	28.0	61.0	72.0	163	390	183	31.3	128	115	204	188	30.0	MAX
MIN	11.3	7.80	18.0	15.8	85.3	24.1	4.91	3.80	13.0	45.1	32.6	10.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.2
MAXIMUM DAILY, 390 ON MAY 11
MINIMUM DAILY, 3.80 ON AUG 3
MAXIMUM INSTANTANEOUS,
398 AT 20:22 NST ON MAY 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 14 36 N
LONG 57 31 45 W
DRAINAGE AREA, 2 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	45 100	JUL	37 400
FEB	34 600	AUG	148 000
MAR	102 000	SEP	109 000
APR	210 000	OCT	245 000
MAY	627 000	NOV	235 000
JUN	149 000	DEC	51 900

TOTAL DISCHARGE, 2 000 000 dam³

VIRGINIA RIVER AT CARTWRIGHT PLACE - STATION NO. 02ZM019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.196	0.142	0.226	0.216	0.188	0.044	0.115	0.118	0.057	0.110	0.086	0.278	1
2	0.177	0.142	0.201	1.10	0.187	0.091	0.098	0.100	0.053	0.097	0.086	0.223	2
3	0.173	0.137	0.174	1.11	0.184	0.181	0.067	0.088	0.051	0.082	0.084	0.184	3
4	0.184	0.133	0.154	0.686	0.193	0.158	0.062	0.075	0.048	0.073	0.081	0.702	4
5	0.266	0.123	0.1418	0.533	0.202	0.134	0.078	0.081	0.043	0.087	0.080	1.11	5
6	0.324	0.107	0.1288	0.515	0.187	0.110	0.060	0.084	0.034	0.085	0.078	0.573	6
7	0.306	0.094	0.1158	0.985	0.161	0.092	0.088	0.080	0.034	0.084	0.086	0.388	7
8	0.241	0.087	0.1088	1.16	0.145	0.073	0.067	0.080	0.039	0.070	0.085	0.348	8
9	0.545	0.078	0.0978	0.914	0.138	0.060	0.081	0.090	0.035	0.088	0.088	0.267	9
10	0.879	0.070	0.0908	0.853	0.118	0.061	0.090	0.084	0.024	0.131	0.082	0.283	10
11	0.688	0.0648	0.0848	0.663	0.119	0.028	0.121	0.077	0.028	0.088	0.088	0.243	11
12	0.416	0.0588	0.0788	0.390	0.131	0.071	0.157	0.088	0.034	0.108	0.077	0.217	12
13	0.401	0.0548	0.0738	0.323	0.104	0.084	0.153	0.095	0.031	0.471	0.100	0.201	13
14	0.537	0.0508	0.0698	0.280	0.092	0.085	0.127	0.048	0.019	0.332	0.089	0.183	14
15	0.410	0.0578	0.082	0.263	0.089	0.075	0.235	0.040	0.082	0.178	0.086	0.193	15
16	0.584	0.0688	0.468	0.235	0.103	0.064	0.252	0.037	0.223	0.117	0.083	0.185	16
17	0.692	0.0588	1.07	0.210	0.094	0.047	0.181	0.035	0.184	0.086	0.082	0.184	17
18	0.472	0.0528	0.708	0.208	0.107	0.045	0.159	0.032	0.222	0.095	0.217	0.187	18
19	0.343	0.0488	0.469	0.200	0.083	0.044	0.139	0.016	0.184	0.086	0.183	0.186	19
20	0.262	0.0448	0.316	0.193	0.068	0.135	0.120	0.012	0.131	0.086	0.105	0.1838	20
21	0.2018	0.0418	0.252	0.181	0.073	0.208	0.108	0.047	0.111	0.081	0.159	0.1728	21
22	0.1818	0.478	0.260	0.203	0.068	0.188	0.105	0.090	0.109	0.088	0.452	0.1618	22
23	0.1398	2.30	0.240	0.718	0.068	0.155	0.103	0.061	0.077	0.108	0.343	0.1518	23
24	0.1188	1.73	0.206	0.733	0.078	0.135	0.087	0.108	0.073	0.107	0.371	0.1418	24
25	0.1028	0.884	0.181	0.480	0.076	0.120	0.085	0.131	0.081	0.088	0.387	0.138	25
26	0.0908	0.643	0.205	0.334	0.084	0.181	0.087	0.113	0.052	0.092	0.290	0.128	26
27	0.1148	0.383	0.184	0.262	0.081	0.235	0.085	0.088	0.084	0.090	0.218	0.300	27
28	0.1028	0.282	0.188	0.230	0.056	0.208	0.088	0.073	0.107	0.077	0.188	0.370	28
29	0.0958		0.200	0.215	0.060	0.187	0.080	0.058	0.088	0.078	0.248	0.321	29
30	0.0908		0.234	0.188	0.080	0.138	0.144	0.048	0.095	0.075	0.334	0.223	30
31	0.1088		0.212		0.051		0.138	0.057		0.082		0.200	31
TOTAL	8.498	8.288	7.187	14.322	3.398	3.341	3.955	2.139	2.372	3.487	4.595	8.668	TOTAL
MEAN	0.306	0.296	0.232	0.477	0.110	0.111	0.116	0.069	0.079	0.113	0.153	0.279	MEAN
MAX	0.879	2.30	1.07	1.16	0.202	0.238	0.252	0.131	0.223	0.471	0.452	1.11	MAX
MIN	0.080	0.041	0.068	0.181	0.051	0.028	0.060	0.012	0.018	0.084	0.042	0.138	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.184
MAXIMUM DAILY, 2.30 ON FEB 23
MINIMUM DAILY, 0.012 ON AUG 30
MAXIMUM INSTANTANEOUS,
2.48 AT 11:20 NST ON FEB 23

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 39 01 N
LONG 52 42 00 W
DRAINAGE AREA, 5.65 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	621	JUL	307
FEB	718	AUG	185
MAR	822	SEP	305
APR	1 240	OCT	302
MAY	393	NOV	397
JUN	389	DEC	748

TOTAL DISCHARGE, 6 130 dam³

VIRGINIA RIVER AT PLEASANTVILLE - STATION NO. 022M015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.292	0.2218	0.3908	0.415	0.247	0.091	0.155	0.158	0.118	0.184	0.161	0.571	1
2	0.256	0.251	0.3108	2.84	0.271	0.258	0.146	0.146	0.084	0.167	0.159	0.467	2
3	0.271	0.187	0.2708	1.62	0.273	0.312	0.131	0.136	0.108	0.146	0.151	0.395	3
4	0.296	0.1788	0.2498	0.950	0.322	0.274	0.119	0.123	0.104	0.217	0.322	3.50	4
5	0.645	0.1628	0.2228	0.870	0.358	0.210	0.107	0.117	0.084	0.266	0.193	1.80	5
6	0.565	0.1428	0.2068	1.19	0.274	0.171	0.098	0.116	0.071	0.237	0.176	0.978	6
7	0.468	0.1318	E.1918	3.01	0.248	0.148	0.129	0.208	0.070	0.201	0.174	0.888	7
8	0.373	0.1218	0.1768	1.75	0.220	0.132	E.139	0.156	0.072	0.314	0.188	0.818	8
9	1.59	0.1138	E.1698	1.25	0.213	0.105	E.144	0.142	0.058	0.381	0.166	0.673	9
10	1.86	0.1068	E.1598	0.880	0.202	0.087	0.169	0.132	0.064	0.466	0.178	0.388	10
11	0.854	0.1018	0.1528	0.889	0.210	0.080	E.233	0.127	0.065	0.328	0.239	0.301	11
12	0.538	0.0978	0.1468	0.598	0.184	0.218	0.284	0.107	0.068	0.547	0.285	0.283	12
13	0.880	0.0948	E.1408	0.486	0.178	0.178	0.250	0.103	0.062	1.18	0.298	0.286	13
14	0.898	0.0908	E.1368	0.483	0.180	0.151	E.202	0.105	0.068	0.784	0.333	0.262	14
15	0.851	0.1118	E.182	0.411	0.187	0.122	E.627	0.103	0.287	0.623	0.313	0.247	15
16	1.33	0.1268	1.74	0.368	0.167	0.113	E.368	0.101	0.475	0.395	0.285	0.247	16
17	0.996	0.1118	1.77	0.348	0.188	0.104	0.256	0.097	0.248	0.363	0.605	0.244	17
18	0.702	0.1028	0.845	0.333	0.150	0.092	E.259	0.086	0.388	0.318	0.883	0.246	18
19	0.508	0.0878	E.626	0.327	0.135	0.092	0.214	0.078	0.234	0.268	0.432	0.250	19
20	0.410	0.0928	E.476	0.314	0.122	0.330	E.181	0.088	0.178	0.231	0.343	0.2208	20
21	0.3318	0.0888	0.364	0.308	0.128	0.354	E.188	0.238	0.184	0.224	0.901	0.2118	21
22	0.2828	1.50 B	E.452	0.287	0.102	0.282	E.168	0.175	0.158	0.259	1.39	0.1988	22
23	0.2408	5.96	E.388	1.32	0.118	0.200	E.168	0.135	0.134	0.240	0.843	0.1858	23
24	0.2158	2.78	E.302	0.801	0.122	0.174	0.158	0.165	0.147	0.208	1.20	0.176	24
25	0.1908	1.14	0.268	0.841	0.118	0.158	E.145	0.218	0.119	0.187	0.888	0.189	25
26	0.1898	E.737	0.309	0.618	0.113	0.385	E.140	0.176	0.104	0.179	0.703	0.165	26
27	0.2108	E.553	0.273	0.443	0.110	0.376	0.131	0.148	0.282	0.183	0.582	0.617	27
28	0.1928	E.445	0.267	0.388	0.100	0.286	0.119	0.126	0.218	0.163	0.437	0.474	28
29	0.1788		E.363	0.356	0.108	0.209	E.181	0.124	0.176	0.144	0.778	0.389	29
30	0.1628		0.366	0.328	0.092	0.173	0.284	0.101	0.227	0.162	0.783	0.291	30
31	0.1688		E.322		0.091		0.202	0.139		0.168		0.238	31
TOTAL	18.639	18.885	13.305	23.786	5.437	5.883	6.102	4.182	4.877	8.524	13.892	14.618	TOTAL
MEAN	0.637	0.588	0.387	0.782	0.175	0.185	E.197	0.134	0.158	0.307	0.486	0.472	MEAN
MAX	1.86	5.96	1.77	2.84	0.322	0.385	0.627	0.238	0.475	1.18	1.39	3.50	MAX
MIN	0.162	0.088	0.138	0.308	0.091	0.080	0.088	0.089	0.089	0.142	0.151	0.188	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.353
MAXIMUM DAILY, 5.96 ON FEB 23
MINIMUM DAILY, 0.088 ON SEP 8
MAXIMUM INSTANTANEOUS,
5.89 AT 03:10 NST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 25 N
LONG 52 41 28 W
DRAINAGE AREA, 10.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 440	JUL	527
FEB	1 370	AUG	380
MAR	1 080	SEP	404
APR	2 080	OCT	823
MAY	470	NOV	1 160
JUN	509	DEC	1 260

TOTAL DISCHARGE, 11 500 dam³

REMARKS - PUBLISHED IN 1984, 1985 AND 1986 UNDER DRAINAGE AREA OF 13.3 km² - REVISED TO 10.7 km²

WATERFORD RIVER AT KILBRIDE - STATION NO. 022M006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26 B	1.56	2.28	1.42	1.44	0.841	0.842	0.888	0.821	0.632	0.585	2.10	1
2	1.12 B	1.66	3.01 B	10.6	1.38	1.32	0.804	0.878	0.801	0.678	0.587	1.78	2
3	1.00 B	1.43	1.82 B	5.33	1.38	1.85	0.808	0.875	0.473	0.586	0.585	1.55	3
4	1.33	1.29 B	1.70 B	3.43	2.03	1.58	0.563	0.847	0.418	0.695	0.560	18.7	4
5	2.83	1.18 B	1.58 B	3.98	1.67	0.938	0.528	0.837	0.378	1.17	0.821	12.7	5
6	2.83	1.08 B	1.48 B	6.58	1.28	0.628	0.587	0.838	0.360	0.932	0.648	8.12	6
7	2.18	0.9908	1.35 B	12.1	1.04	0.494	0.568	0.829	0.301	0.732	0.580	4.44	7
8	1.73	0.9208	1.28 B	8.20	0.866	0.459	0.778	0.898	0.308	1.47	0.704	4.33	8
9	9.80	0.8708	1.19 B	6.80	0.853	0.422	0.738	0.858	0.380	1.72	0.628	3.31	9
10	8.21	0.8158	1.11 B	4.21	0.889	0.388	0.806	0.821	0.358	3.30	0.761	3.02	10
11	4.33	0.7708	1.03 B	3.35	0.743	0.381	1.26	0.531	0.307	1.81	1.04	3.86	11
12	2.84	0.7308	E.9808	2.84	0.708	0.736	1.37	0.480	0.387	3.02	1.26	3.54	12
13	5.82	0.6808	E.9408	2.39	0.697	0.563	1.10	0.423	0.366	5.81	1.44	2.86	13
14	5.20	0.6608	E.9008	2.12	0.691	0.469	0.802	0.461	0.308	2.44	1.02	2.57	14
15	3.19	0.6808	1.57	2.04	0.668	0.467	2.93	0.437	1.11	1.71	0.795	3.48	15
16	9.78	0.8108	10.4	1.84	0.788	0.392	1.30	0.383	2.80	1.45	0.901	3.42	16
17	5.82	0.7858	7.87	1.87	0.888	0.381	0.572	0.435	0.988	1.38	2.28	2.37	17
18	3.14	0.7008	3.17	1.73	0.814	0.322	1.00	0.377	1.64	1.20	3.95	2.38	18
19	2.48	0.6608	1.82	1.82	0.803	0.315	0.800	0.310	0.995	1.09	1.81	2.78	19
20	1.81 B	0.8208	1.39	1.66	0.838	0.913	0.675	0.338	0.897	0.973	1.38	2.87	20
21	1.58 B	0.5708	1.25	1.85	0.478	1.58	0.632	1.10	0.831	0.887	4.80	3.42	21
22	1.38 B	10.7	1.80	2.01	0.467	0.983	0.621	1.28	0.826	1.01	8.48	3.00	22
23	1.20 B	22.6	1.38	8.43	0.488	0.748	0.787	0.746	0.842	0.883	2.88	1.718	23
24	1.10 B	12.7	1.02	4.40	0.484	0.562	0.887	0.803	0.840	0.833	3.87	1.838	24
25	1.00 B	5.86	0.848	2.91	0.481	0.557	0.627	0.841	0.483	0.787	3.34	1.408	25
26	0.9208	4.20	0.818	2.27	0.447	3.35	0.569	0.598	0.436	0.738	2.32	1.93	26
27	1.21 B	3.15	0.811	1.95	0.488	2.07	0.584	0.574	1.45	0.692	1.77	5.99	27
28	1.07 B	2.67	0.798	1.83	0.503	1.16	0.638	0.522	0.903	0.728	1.53	4.18	28
29	0.9508		1.16	1.73	0.595	0.932	0.667	0.468	0.720	0.863	3.88	3.11	29
30	0.8708		1.42	1.87	0.892	0.747	1.51	0.438	1.02	0.857	3.23	2.158	30
31	1.21 B		0.953		0.837		0.844	0.736		0.620		1.858	31
TOTAL	88.370	81.500	58.247	114.44	25.434	26.488	26.754	16.188	20.785	41.187	58.436	111.85	TOTAL
MEAN	2.85	2.91	1.88	3.81	0.820	0.883	0.863	0.587	0.893	1.33	1.95	3.60	MEAN
MAX	9.78	22.6	10.4	12.1	2.03	3.35	2.93	1.28	2.80	5.81	8.48	18.7	MAX
MIN	0.870	0.570	0.798	1.42	0.447	0.315	0.526	0.310	0.301	0.588	0.585	1.40	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.84
MAXIMUM DAILY, 22.6 ON FEB 23
MINIMUM DAILY, 0.301 ON SEP 7
MAXIMUM INSTANTANEOUS,
44.3 AT 14:50 NST ON DEC 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 45 N
LONG 52 44 43 W
DRAINAGE AREA, 52.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 840	JUL	3 310
FEB	7 040	AUG	1 570
MAR	5 030	SEP	1 800
APR	8 890	OCT	3 580
MAY	2 200	NOV	5 050
JUN	2 290	DEC	9 650

TOTAL DISCHARGE, 58 000 dam³

REMARKS - GAUGING STATION RELOCATED 250 m UPSTREAM OF ORIGINAL LOCATION IN OCT. 1987

NEWFOUNDLAND AND LABRADOR

WATERFORD RIVER AT MOUNT PEARL - STATION NO. 02ZM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.857	0.550	0.425	0.827	0.471	0.187	0.215	0.210	0.211	0.278	0.210	0.577	1
2	0.832	0.574	0.394	3.35	0.464	0.342	0.202	0.189	0.173	0.230	0.219	0.473	2
3	0.833	0.505B	0.344	1.68	0.460	0.417	0.181	0.181	0.166	0.203	0.200	0.389	3
4	0.832	0.440B	0.300B	1.08	0.855	0.316	0.178	0.178	0.156	0.287	0.339	5.77	4
5	1.19	0.392B	0.235B	1.23	0.498	0.262	0.167	0.173	0.148	0.378	0.288	3.10	5
6	1.16	0.355B	0.380B	1.80	0.409	0.206	0.188	0.173	0.142	0.327	0.214	1.31	6
7	0.849	0.328B	0.312B	3.30	0.356	0.182	0.176	0.276	0.134	0.288	0.222	0.895	7
8	0.896	0.305B	0.265B	2.85	0.329	0.175	0.234	0.223	0.139	0.478	0.221	0.804	8
9	3.13	0.288B	0.240B	2.08	0.320	0.160	0.234	0.223	0.134	0.698	0.189	0.657	9
10	2.30	0.270B	0.220B	1.38	0.311	0.164	0.249	0.197	0.138	0.841	0.232	0.543	10
11	1.41	0.250B	0.185B	1.07	0.302	0.150	0.372	0.180	0.134	0.476	0.310	0.478	11
12	0.867	0.240B	0.180B	0.948	0.277	0.203	0.384	0.149	0.135	0.917	0.347	0.418	12
13	1.74	0.228B	0.168B	0.798	0.287	0.178	0.339	0.166	0.142	1.51	0.378	0.386B	13
14	1.69	0.218B	0.157B	0.888	0.281	0.158	0.281	0.141	0.139	0.787	0.301	0.370B	14
15	1.13	0.204B	0.240B	0.665	0.282	0.164	0.577	0.142	0.467	0.997	0.258	0.382B	15
16	2.88	0.270B	2.57	0.822	0.287	0.127	0.344	0.168	0.844	0.458	0.302	0.400B	16
17	1.70	0.245B	2.21	0.816	0.242	0.132	0.284	0.144	0.359	0.433	0.671	0.414	17
18	1.17	0.220B	1.08	0.834	0.228	0.131	0.300	0.136	0.642	0.383	0.922	0.440	18
19	0.848	0.195B	0.748	0.883	0.188	0.132	0.262	0.161	0.381	0.347	0.498	0.408	19
20	0.821	0.179B	0.641	0.575	0.164	0.480	0.227	0.138	0.384	0.326	0.388	0.426	20
21	0.700B	0.300B	0.457	0.832	0.178	0.471	0.19[illegible]	0.381	0.288	0.304	1.21	0.370B	21
22	0.620B	1.50 B	0.820	0.883	0.176	0.207	0.240	0.382	0.229	0.332	1.57	0.327B	22
23	0.543B	5.81	0.492	2.75	0.166	0.239	0.227	0.242	0.196	0.313	0.827	0.298B	23
24	0.485B	3.[illegible]	0.436	1.53	0.173	0.203	0.201	0.224	0.180	0.282	1.28	0.289B	24
25	0.440B	1.34	0.372	0.883	0.171	0.204	0.188	0.234	0.173	0.272	0.907	0.250B	25
26	0.398B	0.918	0.379	0.782	0.166	0.958	0.179	0.234	0.171	0.264	0.858	0.226B	26
27	0.470B	0.700	0.378	0.878	0.187	0.588	0.175	0.188	0.488	0.251	0.634	0.985	27
28	0.450B	0.883	0.379	0.965	0.181	0.365	0.157	0.185	0.223	0.238	0.458	0.829	28
29	0.402B		0.484	0.841	0.205	0.309	0.224	0.187	0.242	0.231	0.939	0.436	29
30	0.390B		0.861	0.810	0.183	0.294	0.621	0.158	0.226	0.214	0.868	0.340B	30
31	0.482B		0.400		0.153		0.259	0.239		0.211		0.302B	31
TOTAL	31.319	20.899	16.162	35.748	8.666	8.096	7.828	6.104	7.818	13.081	15.924	23.178	TOTAL
MEAN	1.01	0.739	0.521	1.19	0.279	0.270	0.262	0.197	0.261	0.422	0.531	0.748	MEAN
MAX	3.13	5.81	2.57	3.35	0.855	0.958	0.577	0.382	0.844	1.51	1.57	5.77	MAX
MIN	0.390	0.179	0.157	0.510	0.153	0.131	0.167	0.136	0.134	0.203	0.189	0.226	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.532
MAXIMUM DAILY, 5.81 ON FEB 23
MINIMUM DAILY, 0.131 ON JUN 18
MAXIMUM INSTANTANEOUS,
13.3 AT 15:04 NST ON DEC 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 20 N
LONG 52 46 26 W
DRAINAGE AREA, 16.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 710	JUL	676
FEB	1 790	AUG	527
MAR	1 400	SEP	649
APR	3 090	OCT	1 130
MAY	748	NOV	1 380
JUN	699	DEC	2 000

TOTAL DISCHARGE, 16 800 dam³

AROOSTOOK RIVER NEAR TINKER - STATION NO. 01AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.7B	21.2	14.3 B	84.5	262	80.8	21.2	32.5	18.0	21.0	33.7	48.4	1
2	28.9B	14.7	15.7 B	80.4	388	82.1	15.6	24.9	48.3	22.8	40.7	47.8	2
3	24.4B	28.1	27.8	89.3	469	87.8	30.1	23.0	98.1	20.8	64.4	41.8	3
4	22.9B	5.86	14.7	84.5	681	88.7	7.42	20.9	123	30.1	74.3	42.2	4
5	22.9B	19.4 B	15.3 B	118	814	82.8	0.181	25.4	94.0	27.0	81.4	47.8	5
6	31.3B	13.0	24.0	174	614	82.1	2.39	38.8	88.2	24.0	89.3	40.2	6
7	34.7B	11.8	6.39	383	388	88.8	15.5	39.1	58.6	27.1	83.0	66.3	7
8	33.1B	20.0	10.7	602	401	81.8	15.8	65.3	40.3	28.8	83.5	33.0	8
9	35.8B	17.1 B	13.4	982	377	64.7	13.2	77.2	43.1	24.7	83.9	11.0	9
10	24.2B	12.9	10.3	848	381	60.3	10.5	78.8	37.8	21.4	81.4	25.7	10
11	32.3B	20.6 B	21.6	801	373	68.3	22.3	63.8	50.4	30.8	135	64.3	11
12	28.9B	28.5	24.0	618	328	126	26.5	52.0	32.6	18.0	168	35.4	12
13	22.2B	22.2	4.24	346	482	132	30.2	48.6	2.08	20.5	135	27.3	13
14	22.0B	11.7	11.2	300	601	118	23.7	129	27.5	22.2	132	80.6	14
15	30.7B	7.848	7.600	385	714	64.9	22.5	180	33.5	16.6	87.4	41.8	15
16	21.8B	28.9	15.2 B	277	748	78.7	19.4	122	48.2	28.6	120	33.5B	16
17	23.6	7.33	15.4 B	273	616	73.7	43.2	89.3	9.93	33.4	182	34.6B	17
18	25.0B	19.7 B	21.8 B	287	485	77.7	18.2	71.3	27.0	20.9	208	38.0B	18
19	24.8B	19.7 B	21.6	334	358	86.7	14.4	57.7	23.2	20.2	200	45.1B	19
20	26.8B	20.0 B	6.13	342	263	83.4	15.5	38.4	34.6	26.1	178	45.5	20
21	21.6B	19.7 B	26.8	383	230	84.2	7.10	36.2	32.1	22.4	158	31.8B	21
22	23.1B	20.8 B	21.4	311	201	67.0	5.75	33.0	35.6	35.6	88.8	28.4B	22
23	17.4B	20.6 B	4.73	289	184	34.7	15.8	30.4	30.4	37.8	83.6	44.2B	23
24	21.9B	12.4	21.2	338	170	30.9	3.80	28.9	32.7	43.8	48.3	28.6B	24
25	17.4B	17.2 B	16.8 B	314	188	31.6	1.12	38.9	32.8	40.1	68.8	36.[illegible]B	25
26	12.0	26.2	18.4 B	303	149	33.8	0.131	32.5	38.0	38.4	80.8	32.[illegible]B	26
27	17.4B	12.9	18.8 B	188	134	38.8	0.314	11.2	38.2	35.5	55.6	27.[illegible]B	27
28	11.6	18.2 B	18.7 B	202	135	32.0	5.00	22.1	33.6	34.2	58.5	25.6B	28
29	16.0B		24.9 B	202	102	30.2	21.1	20.2	34.6	26.4	54.8	25.2B	29
30	30.7B		80.1 B	222	87.4	31.1	23.8	15.3	29.0	29.7	57.6	36.1B	30
31	16.4B		103 B		83.5		18.9	24.8		27.8		24.6B	31
TOTAL	746.7	494.72	881.48	8 415.7	10 477.8	1 922.4	478.915	1 548.9	1 268.71	842.6	2 844.8	1 152.4	TOTAL
MEAN	24.1	17.7	23.0	281	338	64.1	15.4	50.0	42.3	27.2	94.8	37.2	MEAN
MAX	38.7	28.1	103	982	748	132	43.2	180	123	43.8	208	80.6	MAX
MIN	11.6	5.86	4.24	80.4	83.5	31.1	0.131	11.2	2.08	16.6	33.7	11.0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.9
MAXIMUM DAILY, 748 ON MAY 16
MINIMUM DAILY, 0.131 ON JUL 26
MAXIMUM INSTANTANEOUS,
778 AT 17:02 AST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 46 52 N
LONG 67 45 15 W
DRAINAGE AREA, 6 060 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	64 500	JUL	41 200
FEB	42 700	AUG	134 000
MAR	58 900	SEP	110 000
APR	727 000	OCT	72 800
MAY	905 000	NOV	246 000
JUN	166 000	DEC	99 600

TOTAL DISCHARGE, 2 670 000 dam³

BARNABY RIVER BELOW SEMIWAGAN RIVER - STATION NO. 01BQ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40 B	0.740B	1.60 B	27.7	35.6	4.25	1.28	4.22	1.71	1.93	1.93	2.52B	1
2	1.30 B	0.720B	1.50 B	33.1	27.1	4.80	1.33	3.17	3.18	1.61	3.26	2.39B	2
3	1.20 B	0.700B	1.42 B	29.7	46.9	4.78	1.72	2.18	4.84	1.89	3.40	2.27B	3
4	1.12 B	0.652B	1.35 B	33.7	50.3	4.45	1.72	1.88	3.94	2.88	3.13	2.15B	4
5	1.05 B	0.655B	1.28 B	37.4	34.3	4.15	1.47	4.02	2.98	2.94	3.28	2.05B	5
6	0.880B	0.652B	1.22 B	30.3	24.7	3.82	1.35	48.8	2.51	2.57	2.92	1.97B	6
7	0.850B	0.635B	1.17 B	64.1	30.7	3.57	1.21	45.1	2.17	2.21	2.85	1.90B	7
8	1.00 B	0.626B	1.12 B	85.1	36.1	3.44	1.04	30.7	1.87	2.15	2.83	1.84B	8
9	1.08 B	0.613B	1.07 B	58.0	32.6	3.83	0.857	25.1	1.78	2.00	3.46	1.78B	9
10	1.02 B	0.600B	1.03 B	43.0	24.5	3.81	0.883	15.6	1.62	1.82	8.95	1.72B	10
11	0.960B	0.601B	0.960B	38.0	22.9	3.46	2.41	11.3	1.50	1.70	10.2	1.67B	11
12	0.900B	0.642B	0.950B	31.0	25.7	4.66	7.32	8.31	1.38	1.65	7.84	1.62B	12
13	0.860B	0.573B	0.940B	28.5	22.3	4.52	6.57	14.4	1.34	1.53	6.23	1.56B	13
14	0.825B	0.584B	0.945B	29.0	18.0	3.98	4.88	30.2	1.35	1.50	4.88	1.50B	14
15	0.805B	0.566B	1.02 B	25.3	17.8	3.34	4.73	26.5	1.31	1.43	4.95	1.46B	15
16	0.787B	0.700B	3.20 B	25.6	15.1	3.02	3.88	18.2	1.48	1.60	7.47	1.42B	16
17	0.840B	0.615B	5.80 B	25.2	14.2	3.35	2.80	12.7	1.59	1.66	12.5	1.38B	17
18	0.920B	0.650B	6.05 B	22.9	12.7	3.84	2.32	9.24	1.83	1.93	15.0	1.34B	18
19	0.890B	0.600B	6.40 B	20.6	11.1	4.95	1.96	6.74	1.92	1.88	12.0	1.30B	19
20	0.820B	0.763B	5.87 B	24.0	9.86	4.84	2.86	4.77	1.78	1.82	9.61B	1.26B	20
21	0.810B	0.730B	5.40 B	25.3	9.09	3.98	2.34	4.28	2.17	1.80	6.95B	1.22B	21
22	0.835B	0.660B	4.95 B	23.3	8.21	3.11	1.72	3.87	2.48	1.80	5.19B	1.19B	22
23	0.820B	1.70 B	4.80 B	21.1	7.84	2.83	1.38	3.72	2.33	2.16	4.29B	1.17B	23
24	0.800B	2.40 B	4.30 B	21.2	6.72	2.25	1.18	4.03	2.04	2.07	3.60B	1.15B	24
25	0.870B	2.20 B	4.00 B	20.3	6.37	2.15	1.14	3.45	2.00	1.77	3.30B	1.13B	25
26	0.880B	2.05 B	3.80 B	28.6	6.27	2.02	1.01	2.87	2.07	1.73	3.00B	1.11B	26
27	0.830B	1.90 B	3.60 B	30.2	5.51	1.72	0.896	2.62	2.22	1.65	2.85B	1.09B	27
28	0.815B	1.75 B	4.74 B	24.6	7.36	1.84	2.00	2.38	2.38	1.57	3.10B	1.07B	28
29	0.785B		28.4 B	25.1	6.72	1.61	10.8	2.08	2.48	1.58	2.85B	1.05B	29
30	0.775B		35.5 B	25.0	4.89	1.48	9.71	1.84	2.43	1.61	2.70B	1.03B	30
31	0.785B		34.6 B		4.52		6.07	1.82		1.51		1.01B	31
TOTAL	25.532	28.120	181.018	971.5	582.86	101.48	80.708	385.12	64.46	58.05	164.81	47.32	TOTAL
MEAN	0.823	1.00	5.85	32.4	18.8	3.38	2.83	11.5	2.15	1.87	5.49	1.53	MEAN
MAX	1.40	2.70	35.5	85.1	50.3	4.95	10.8	48.8	4.84	2.94	15.0	2.52	MAX
MIN	0.785	0.566	0.940	20.3	4.52	1.48	0.896	1.88	1.31	1.43	1.93	1.01	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.33
MAXIMUM DAILY, 85.1 ON APR 8
MINIMUM DAILY, 0.566B ON FEB 15
MAXIMUM INSTANTANEOUS,
120 AT 21:54 AST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 53 19 N
LONG 65 35 44 W
DRAINAGE AREA, 484 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 500	JUL	7 840
FEB	2 430	AUG	30 700
MAR	15 700	SEP	5 570
APR	83 900	OCT	5 020
MAY	50 300	NOV	14 200
JUN	8 770	DEC	4 090

TOTAL DISCHARGE, 231 000 dam³

BARTIBOG RIVER BELOW HIGHWAY NO. 8 - STATION NO. 01BO004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.80B	1.75B	1.86B	8.00B	35.7	4.88	1.99	2.14	3.16	1.91	2.18	2.50B	1
2	2.60B	1.70B	1.92B	5.38B	38.0	6.57	2.38	1.85	5.37	1.87	2.79	2.36B	2
3	2.47B	1.67B	1.89B	5.05B	48.1	5.43	2.79	1.90	4.74	2.08	2.29	2.28B	3
4	2.35B	1.63B	1.80B	5.00B	41.8	4.88	2.28	1.83	2.85	2.11	2.19	2.16B	4
5	2.20B	1.58B	1.77B	10.8 B	37.8	4.24	2.02	2.70	3.24	1.94	1.98	2.06B	5
6	2.10B	1.59B	1.74B	20.0 B	22.0	3.85	1.84	14.7	2.88	1.87	1.82	1.95B	6
7	2.00B	1.53B	1.71B	35.0 B	27.9	3.77	1.78	12.8	2.79	1.80	1.88	1.90B	7
8	2.12B	1.50B	1.67B	51.3 B	30.8	3.59	1.65	9.14	2.69	1.78	1.78	1.82B	8
9	2.27B	1.47B	1.63B	34.3 B	28.8	3.32	1.54	7.73	2.55	1.68	2.64	1.75B	9
10	2.17B	1.44B	1.61B	24.1	21.3	3.22	1.85	6.76	2.45	1.72	7.13	1.70B	10
11	2.05B	1.42B	1.59B	20.2	19.1	4.88	6.43	4.47	2.37	1.68	5.70	1.65B	11
12	1.97B	1.40B	1.57B	19.1	19.8	4.87	7.62	3.84	2.33	1.69	4.25	1.61B	12
13	2.11B	1.38B	1.55B	18.5	17.1	4.12	4.52	7.43	2.28	1.60	3.62	1.57B	13
14	2.00B	1.36B	1.53B	20.2	14.9	3.62	3.61	28.5	2.18	1.58	3.19	1.52B	14
15	1.90B	1.35B	1.50B	19.6	13.6	3.17	3.07	34.8	2.24	1.56	3.45	1.48B	15
16	2.28B	1.43B	2.16B	20.7	12.8	3.23	2.83	19.5	2.30	1.58	4.87	1.46B	16
17	2.17B	1.75B	5.85B	20.0	11.4	3.83	2.34	13.8	2.31	1.56	7.61	1.42B	17
18	2.08B	1.67B	5.00B	17.0	10.2	3.52	2.22	10.5	2.40	1.60	8.00	1.39B	18
19	2.01B	1.59B	4.30B	18.0	9.17	3.64	2.12	8.24	2.24	1.57	5.05	1.37B	19
20	1.95B	1.52B	3.90B	17.8	8.53	3.21	1.98	6.87	2.14	1.49	4.87	1.36B	20
21	2.12B	1.65B	3.65B	19.4	7.95	2.90	1.84	6.13	2.11	1.58	4.48B	1.32B	21
22	2.30B	1.80B	3.40B	18.7	7.48	2.74	1.80	5.78	2.07	1.58	4.17B	1.30B	22
23	2.20B	2.00B	3.20B	15.6	7.22	2.51	1.68	5.69	2.08	1.64	3.80B	1.28B	23
24	2.15B	2.95B	3.05B	14.1	6.80	2.37	1.67	5.32	2.15	1.72	3.52B	1.26B	24
25	2.10B	2.65B	2.95B	13.8	6.88	2.41	1.57	4.61	2.01	1.57	3.30B	1.24B	25
26	2.04B	2.36B	2.65B	15.3	6.32	2.31	1.96	3.99	2.01	1.49	3.05B	1.22B	26
27	1.98B	2.25B	3.55B	16.5	6.23	2.25	1.93	3.77	2.21	1.42	2.80B	1.20B	27
28	1.95B	2.04B	4.55B	18.2	5.89	2.17	2.34	3.55	2.06	1.40	3.05B	1.16B	28
29	1.91B		7.10B	22.1	5.13	2.08	4.08	3.39	1.97	1.27	2.80B	1.17B	29
30	1.88B		9.00B	25.8	4.70	1.99	3.29	3.16	1.95	1.26	2.85B	1.18B	30
31	1.81B		7.75B		4.42		2.82	3.37		1.25		1.15B	31
TOTAL	66.08	48.33	97.93	571.20	505.72	104.93	81.00	248.46	77.03	51.94	111.79	48.61	TOTAL
MEAN	2.13	1.73	3.16	19.0	16.3	3.50	2.61	8.01	2.57	1.68	3.73	1.57	MEAN
MAX	2.60	2.95	9.00	51.3	48.1	6.57	7.62	34.8	5.37	2.11	8.00	2.50	MAX
MIN	1.81	1.35	1.53	5.00	4.42	1.99	1.54	1.83	1.95	1.25	1.78	1.15	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.52
MAXIMUM DAILY, 51.3B ON APR 8
MINIMUM DAILY, 1.15B ON DEC 31
MAXIMUM INSTANTANEOUS,
52.4 AT 14:51 AST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 11 27 N
LONG 65 23 51 W
DRAINAGE AREA, 219 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 710	JUL	7 000
FEB	4 180	AUG	21 500
MAR	8 460	SEP	6 660
APR	49 400	OCT	4 490
MAY	43 700	NOV	9 660
JUN	9 070	DEC	4 200

TOTAL DISCHARGE, 174 000 dam³

BASS RIVER AT BASS RIVER - STATION NO. 01BL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.356B	0.219B	0.126B	9.60B	18.2	0.884	0.508	0.284	0.406	0.188	0.323	0.580B	1
2	0.353B	0.215B	0.128B	8.40B	18.5	2.95	0.506	0.305	0.683	0.199	0.550	0.540B	2
3	0.348B	0.211B	0.124B	7.90B	33.3	2.40	0.475	0.221	1.28	0.199	0.535	0.520B	3
4	0.344B	0.207B	0.122B	7.30B	25.8	1.86	0.465	0.209	0.823	0.176	0.509	0.500B	4
5	0.340B	0.203B	0.120B	9.20B	14.3	1.52	0.409	0.219	0.698	0.161	0.534	0.485B	5
6	0.335B	0.199B	0.118B	12.5 B	9.92	1.09	0.423	1.61	0.570	0.161	0.486	0.471B	6
7	0.330B	0.195B	0.116B	15.0 B	9.23	0.779	0.333	3.19	0.507	0.187	0.487	0.458B	7
8	0.325B	0.191B	0.114B	19.0 B	9.55	0.597	0.219	3.68	0.464	0.181	0.478	0.445B	8
9	0.320B	0.187B	0.113B	16.0 B	9.01	0.489	0.172	3.84	0.441	0.235	0.483	0.432B	9
10	0.316B	0.183B	0.112B	14.2 B	9.67	0.417	0.153	3.29	0.389	0.209	1.31	0.420B	10
11	0.312B	0.179B	0.111B	13.2 B	8.02	0.488	0.947	1.44	0.368	0.262	1.61	0.410B	11
12	0.307B	0.176B	0.110B	12.2 B	7.80	0.720	5.98	0.668	0.310	0.223	1.40	0.400B	12
13	0.302B	0.173B	0.109B	11.8 B	8.78	0.675	4.50	1.39	0.277	0.192	1.04	0.393B	13
14	0.297B	0.170B	0.108B	11.4	5.69	0.544	2.74	13.4	0.248	0.172	0.702	0.386B	14
15	0.292B	0.167B	0.190B	11.3	5.61	0.474	1.82	11.6	0.204	0.181	0.782	0.379B	15
16	0.287B	0.164B	0.500B	12.8	5.94	0.405	1.24	6.36	0.208	0.213	2.22	0.372B	16
17	0.282B	0.161B	1.00 B	12.5	4.79	0.428	0.800	4.62	0.208	0.346	3.57	0.365B	17
18	0.277B	0.158B	0.760B	9.94	3.94	0.471	0.576	2.95	0.204	0.412	3.88	0.358B	18
19	0.272B	0.155B	0.520B	8.65	3.20	0.498	0.483	2.04	0.201	0.386	2.87	0.352B	19
20	0.266B	0.152B	0.445B	9.88	2.60	0.428	0.408	1.41	0.194	0.313	2.09	0.345B	20
21	0.261B	0.149B	0.405B	11.0	2.16	0.368	0.317	1.04	0.195	0.357	1.83	0.339B	21
22	0.258B	0.146B	0.370B	9.81	1.95	0.364	0.214	0.984	0.194	0.324	1.28 B	0.333B	22
23	0.256B	0.143B	0.340B	6.53	1.80	0.339	0.189	0.953	0.186	0.289	0.980B	0.327B	23
24	0.252B	0.140B	0.328B	6.04	1.76	0.260	0.148	0.848	0.188	0.301	0.880B	0.321B	24
25	0.248B	0.137B	0.348B	6.05	1.80	0.222	0.126	0.694	0.188	0.282	0.760B	0.315B	25
26	0.244B	0.134B	0.450B	7.06	1.55	0.240	0.116	0.527	0.185	0.318	0.720B	0.309B	26
27	0.239B	0.132B	0.650B	11.1	1.38	0.211	0.112	0.461	0.189	0.276	0.670B	0.304B	27
28	0.235B	0.130B	1.20 B	11.2	1.18	0.273	0.158	0.400	0.189	0.279	0.630B	0.299B	28
29	0.231B		3.10 B	13.6	0.929	1.03	0.388	0.382	0.189	0.276	0.600B	0.294B	29
30	0.227B		5.20 B	17.2	0.770	0.852	0.535	0.320	0.188	0.218	0.580B	0.289B	30
31	0.223B		10.5 B		0.729		0.438	0.320		0.211		0.284B	31
TOTAL	8.935	4.776	27.957	333.36	223.946	22.081	25.932	69.168	10.755	7.689	34.831	12.005	TOTAL
MEAN	0.288	0.171	0.902	11.1	7.22	0.736	0.836	2.23	0.359	0.248	1.16	0.387	MEAN
MAX	0.356	0.219	10.5	19.0	33.3	2.95	5.98	13.4	1.28	0.412	3.88	0.580	MAX
MIN	0.223	0.130	0.108	6.04	0.729	0.211	0.112	0.209	0.185	0.172	0.323	0.284	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 33.3 ON MAY 3
MINIMUM DAILY, 0.108B ON MAR 14
MAXIMUM INSTANTANEOUS,
40.3 AT 18:10 AST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 00 N
LONG 65 34 40 W
DRAINAGE AREA, 175 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	772	JUL	2 240
FEB	413	AUG	5 980
MAR	2 420	SEP	929
APR	28 800	OCT	664
MAY	19 300	NOV	3 010
JUN	1 910	DEC	1 040

TOTAL DISCHARGE, 67 500 dam³

RESTIGOUCHE STREAM AT CULDSTREAM - STATION NO. 01AJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26 B	0.780B	1.40 B	14.3B	23.4	3.10	0.848	1.03	1.81	3.33	6.82	6.20B	1
2	1.27 B	0.760B	1.30 B	13.2B	31.7	3.37	0.742	0.824	16.8	3.00	10.7	5.80B	2
3	1.26 B	0.670B	1.23 B	12.1B	71.8	3.04	0.886	0.851	13.6	4.08	7.46	5.10B	3
4	1.15 B	0.810B	1.15 B	15.0B	84.1	2.67	0.853	0.701	7.01	5.88	8.78	4.88B	4
5	1.13 B	0.770B	1.12 B	19.0B	33.6	2.46	0.735	2.08	4.86	4.34	9.70	4.28B	5
6	1.07 B	0.740B	1.06 B	42.0B	27.2	2.15	0.883	27.3	3.75	3.89	7.17	3.80B	6
7	1.01 B	0.760B	1.03 B	138 A	41.6	2.13	0.850	17.5	3.13	3.43	7.86	3.60B	7
8	1.03 B	0.780B	1.03 B	62.8	31.0	2.01	0.884	12.6	2.78	3.43	8.23	3.20B	8
9	1.10 B	0.730B	1.00 B	43.4	25.2	1.90	0.806	9.89	2.85	3.14	8.84	3.00B	9
10	1.17 B	0.710B	0.980B	33.2	24.0	1.93	0.748	8.01	2.23	2.83	27.6	2.80B	10
11	1.22 B	0.705B	0.950B	28.8	22.8	4.73	2.71	4.00	2.00	2.77	23.8	2.80B	11
12	1.07 B	0.700B	0.840B	20.4	27.4	4.35	1.86	4.42	1.87	2.80	16.8	2.45B	12
13	1.00 B	0.705B	0.928B	16.8	24.0	3.07	1.29	13.4	1.78	3.45	12.6	2.31B	13
14	0.980B	0.685B	0.840B	18.3	26.7	2.25	0.851	33.8	1.66	3.33	11.3	2.18B	14
15	0.840B	0.710B	1.26 B	17.1	28.8	1.84	1.18	30.6	1.77	3.19	18.7	2.06B	15
16	0.938B	0.720B	3.20 B	17.5	20.4	1.86	1.03	18.3	1.83	2.31	23.8	1.88B	16
17	0.820B	0.705B	2.70 B	17.8	18.2	2.80	1.03	13.2	2.14	4.74	23.3	1.88B	17
18	0.900B	0.670B	2.50 B	20.8	12.8	2.34	0.925	9.63	3.07	4.86	27.8	1.76B	18
19	0.880B	0.850B	2.20 B	18.8	10.7	2.19	0.805	8.27	2.35	3.77	18.8	1.88B	19
20	0.880B	0.840B	1.75 B	17.8	9.05	1.83	0.725	8.03	2.44	3.20	14.2	1.80B	20
21	0.840B	0.820B	1.48 B	17.1	7.92	1.51	0.832	6.26	5.22	6.87	12.2	1.83B	21
22	0.870B	1.00 B	1.26 B	16.7	7.67	1.30	0.887	3.86	3.88	13.6	10.9	1.47B	22
23	0.880B	1.80 B	1.17 B	16.2	8.84	1.18	0.808	3.63	3.02	8.86	9.14	1.42B	23
24	0.890B	1.88 B	1.08 B	15.0	8.84	1.08	0.868	3.57	3.50	7.02	8.30B	1.38B	24
25	0.830B	1.87 B	1.06 B	13.1	8.30	1.00	0.848	2.89	3.30	6.89	7.90B	1.31B	25
26	0.810B	1.73 B	1.03 B	13.8	6.76	0.883	0.681	2.38	3.48	5.18	7.40B	1.27B	26
27	0.780B	1.80 B	1.40 B	14.4	5.03	0.802	0.672	2.12	3.85	4.74	6.90B	1.23B	27
28	0.820B	1.80 B	3.00 B	13.3	4.68	0.778	1.72	1.81	5.04	4.38	7.20B	1.17B	28
29	0.800B		8.40 B	12.6	3.84	0.778	4.81	1.76	4.61	4.02	8.00B	1.13B	29
30	0.800B		19.8 B	14.3	3.32	0.725	3.43	1.63	3.84	3.82	7.00B	1.11B	30
31	0.798B		18.3 B		3.13		1.44	1.55		3.40		1.08B	31
TOTAL	30.350	28.380	83.889	746.8	643.28	81.858	33.648	243.836	126.38	134.85	386.77	76.83	TOTAL
MEAN	0.979	0.843	2.70	24.9	20.8	2.07	1.08	7.87	4.18	4.34	12.9	2.48	MEAN
MAX	1.28	1.88	19.8	138	71.8	4.73	4.81	33.8	16.8	13.6	33.3	6.20	MAX
MIN	0.780	0.820	0.928	12.1	3.13	0.725	0.444	0.851	1.66	2.19	6.90	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.11
MAXIMUM DAILY, 138A ON APR 7
MINIMUM DAILY, 0.444 ON JUL 26
MAXIMUM INSTANTANEOUS,
142 AT 19:57 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 20 27 N
LONG 67 27 58 W
DRAINAGE AREA, 3800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 630	JUL	2 920
FEB	3 260	AUG	21 100
MAR	7 230	SEP	10 800
APR	64 500	OCT	11 600
MAY	55 500	NOV	33 400
JUN	9 350	DEC	6 540

TOTAL DISCHARGE, 234 000 dam³

BIG PRESQUE ISLE STREAM AT TRACEY MILLS - STATION NO. 01AJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.308	1.47 B	1.40 B	18.0B	32.1	5.80	1.77	1.48	2.08	1.79	4.85	6.10B	1
2	2.258	1.36 B	1.34 B	16.0B	36.5	5.28	1.88	1.33	7.75	1.85	7.65	5.70B	2
3	2.138	1.25 B	1.27 B	14.1B	87.5	5.86	1.66	2.01	8.57	1.81	8.31	5.30B	3
4	2.108	1.32 B	1.08 B	13.2B	84.3	5.33	1.70	2.06	4.09	2.05	8.18	5.00B	4
5	2.088	1.23 B	1.00 B	30.0B	38.2	4.99	1.67	4.38	2.82	1.80	8.01	4.80B	5
6	3.008	1.17 B	1.08 B	46.0B	27.4	4.58	1.63	11.4	2.47	1.73	8.08	4.50B	6
7	1.908	1.13 B	1.01 B	84.4B	38.5	4.31	1.67	6.83	2.30	1.72	6.88	4.20B	7
8	1.858	1.18 B	0.960B	74.7	40.3	4.38	1.48	5.84	2.20	1.75	8.01	3.80B	8
9	2.018	1.23 B	0.910B	47.9	33.2	4.00	1.35	5.81	1.82	1.70	8.03	3.70B	9
10	1.898	1.13 B	0.880B	36.8	25.8	4.19	1.82	3.94	1.71	1.88	14.0	3.50B	10
11	1.758	1.06 B	0.920B	33.2	38.9	9.91	3.18	2.87	1.88	1.84	11.4	3.35B	11
12	1.708	1.06 B	0.880B	28.1	48.8	8.81	2.84	2.57	1.82	1.82	8.82	3.20B	12
13	1.808	1.11 B	0.870B	26.0	46.5	8.07	1.87	2.76	1.88	1.81	7.25	3.08B	13
14	1.678	1.08 B	0.880B	27.2	48.8	6.88	1.88	11.5	1.83	1.83	8.89	2.86B	14
15	1.808	1.04 B	1.00 B	26.0	46.8	3.82	1.47	8.31	1.84	1.44	7.82	2.68B	15
16	1.888	1.01 B	2.00 B	25.8	36.8	4.10	1.34	5.84	1.72	1.87	12.1	2.78B	16
17	1.868	0.980B	4.80 B	28.0	28.7	4.87	1.25	4.33	1.84	1.82	22.6	2.71B	17
18	1.838	0.950B	4.18 B	30.7	24.2	4.58	1.28	3.81	1.83	1.86	18.2	2.62B	18
19	1.808	1.01 B	3.80 B	28.1	20.1	4.38	1.27	3.05	1.83	1.82	14.1	2.53B	19
20	1.878	1.20 B	3.50 B	28.1	18.8	3.82	1.11	2.88	1.82	1.70	11.8	2.45B	20
21	1.848	1.80 B	3.32 B	24.5	15.4	3.14	0.941	2.84	1.88	2.05	10.8	2.38B	21
22	1.818	1.80 B	3.20 B	22.5	13.8	2.87	0.905	2.83	1.87	2.05	9.80B	2.32B	22
23	1.888	2.10 B	3.03 B	18.7	12.6	3.81	0.899	2.80	1.90	2.77	9.20B	2.26B	23
24	1.488	2.40 B	2.90 B	17.8	11.8	2.48	0.833	2.43	1.89	2.32	8.70B	2.20B	24
25	1.438	2.08 B	2.82 B	17.2	10.8	2.31	0.828	2.12	2.03	2.05	8.20B	2.14B	25
26	1.398	1.78 B	2.75 B	17.8	9.84	2.17	0.888	1.92	1.83	1.83	7.70B	2.08B	26
27	1.378	1.68 B	2.90 B	20.5	9.25	2.04	0.828	1.87	2.40	1.79	7.20B	2.03B	27
28	1.388	1.80 B	3.30 B	18.4	8.34	1.87	1.72	1.78	2.48	1.81	7.80B	1.98B	28
29	1.408		4.10 B	20.1	7.20	1.81	4.08	1.88	2.29	1.85	7.20B	1.93B	29
30	1.458		5.00 B	21.8	6.48	1.75	2.80	1.78	2.01	1.88	6.60B	1.88B	30
31	1.538		19.4 B		6.27		1.78	1.70		2.10		1.83B	31
TOTAL	53.28	37.800	80.280	883.8	806.86	137.41	49.880	121.04	71.81	57.39	286.82	98.28	TOTAL
MEAN	1.72	1.35	2.91	28.8	26.1	4.25	1.61	3.90	2.39	1.85	8.96	3.17	MEAN
MAX	3.30	2.40	19.4	84.4	87.5	9.91	4.08	11.5	7.75	3.05	22.6	6.10	MAX
MIN	1.38	0.950	0.880	13.2	6.27	1.75	0.828	1.33	1.48	1.43	4.85	1.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.28
MAXIMUM DAILY, 84.4B ON APR 7
MINIMUM DAILY, 0.828 ON JUL 27
MAXIMUM INSTANTANEOUS,
110 AT 18:05 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 16 N
LONG 67 44 41 W
DRAINAGE AREA, 484 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 600	JUL	4 310
FEB	3 270	AUG	10 800
MAR	7 800	SEP	6 200
APR	74 500	OCT	4 950
MAY	69 900	NOV	23 200
JUN	11 000	DEC	8 490

TOTAL DISCHARGE, 229 000 dam³

BIG TRACADIE RIVER AT MURCHY BRIDGE CROSSING - STATION NO. 01BL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	3.488	2.309	1.518	8.858	28.2	6.80	3.37	3.00	3.71	2.48	2.38	2.258	1
2	3.338	2.239	1.508	8.008	27.8	7.84	3.85	3.87	4.78	2.45	2.80	2.188	2
3	3.218	2.188	1.488	7.808	41.8	7.08	3.63	3.88	4.44	2.88	2.38	2.118	3
4	3.108	2.108	1.488	7.308	43.9	8.30	3.18	3.78	3.80	2.82	2.37	2.048	4
5	3.008	2.068	1.478	7.208	32.7	5.83	3.09	3.00	3.56	2.38	2.30	1.988	5
6	2.908	2.028	1.488	15.0 B	28.7	5.58	3.08	7.08	3.38	2.38	2.08	1.848	6
7	2.848	1.988	1.458	27.5 B	25.4	5.42	2.90	6.32	3.38	2.38	2.14	1.908	7
8	2.848	1.948	1.438	48.0 B	24.6	5.33	2.98	5.77	3.22	2.35	2.09	1.868	8
9	3.038	1.918	1.438	61.7 B	23.8	4.98	2.80	5.08	3.15	2.27	2.32	1.828	9
10	2.808	1.888	1.438	28.4	20.0	4.61	2.75	4.83	3.08	2.23	2.87	1.788	10
11	2.848	1.858	1.438	30.4	18.8	5.23	8.84	4.28	2.95	2.13	3.38	1.748	11
12	2.788	1.828	1.438	18.8	18.8	5.40	11.7	4.00	2.85	2.15	3.03	1.708	12
13	2.888	1.808	1.438	17.5	17.8	4.88	7.82	4.84	2.87	2.08	2.75	1.688	13
14	2.828	1.778	1.438	18.2	16.2	4.61	8.05	12.1	2.88	2.18	2.83	1.638	14
15	2.788	1.758	1.488	18.7	15.4	4.46	8.28	11.7	2.88	2.14	2.81	1.608	15
16	2.868	1.738	1.738	22.0	15.0	4.30	4.85	8.88	2.81	2.11	4.04	1.578	16
17	2.868	1.718	3.408	23.2	13.8	4.34	4.38	7.08	2.87	2.38	5.03	1.588	17
18	2.828	1.888	3.058	20.8	12.8	4.28	4.12	6.80	2.87	2.09	6.23	1.528	18
19	2.808	1.678	2.858	18.1	13.1	4.24	4.10	6.88	2.78	1.80	4.71	1.508	19
20	2.588	1.858	2.708	18.9	11.8	3.83	3.89	5.39	2.88	1.88	3.88	1.488	20
21	2.708	1.728	2.548	21.1	11.1	3.73	3.76	5.18	2.71	1.88	3.888	1.488	21
22	2.698	1.888	2.408	21.1	10.8	3.58	3.88	5.24	2.88	1.85	3.188	1.448	22
23	2.618	1.888	2.308	18.4	10.2	3.48	3.62	5.03	2.88	1.87	2.848	1.428	23
24	2.578	1.838	2.218	18.1	9.81	3.37	3.38	5.00	2.57	1.80	2.608	1.408	24
25	2.548	1.808	2.158	17.2	9.43	3.37	3.30	4.80	2.58	1.89	2.888	1.388	25
26	2.508	1.578	2.088	17.1	8.80	3.37	3.33	4.47	2.63	1.84	2.608	1.388	26
27	2.468	1.558	2.048	18.3	8.88	3.22	3.37	4.18	2.74	1.81	2.808	1.348	27
28	2.428	1.538	2.858	18.8	8.22	3.38	3.72	3.86	2.86	1.88	2.488	1.338	28
29	2.388		4.408	21.0	7.78	8.10	4.51	3.84	2.69	1.85	2.408	1.328	29
30	2.348		8.508	24.4	7.32	3.87	3.73	3.81	2.60	1.82	2.358	1.318	30
31	2.308		10.0 B		6.87		3.31	3.82		1.85		1.308	31
TOTAL	85.39	50.93	75.08	597.75	542.28	141.86	128.37	185.83	91.52	68.26	85.40	50.87	TOT
MEAN	2.75	1.82	2.42	19.9	17.5	4.73	4.17	5.34	3.05	2.14	2.95	1.84	MEA
MAX	3.48	2.34	10.0	48.0	43.9	7.84	11.7	12.1	4.78	3.58	6.23	3.25	MAX
MIN	2.30	1.53	1.43	7.20	6.87	3.23	3.76	2.76	2.57	1.85	2.08	1.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.72
MAXIMUM DAILY, 48.08 ON APR 8
MINIMUM DAILY, 1.308 ON DEC 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 28 05 N
LONG 65 08 25 W
DRAINAGE AREA, 363 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 380	JUL	11 200
FEB	4 400	AUG	16 300
MAR	6 490	SEP	7 910
APR	51 600	OCT	5 720
MAY	46 800	NOV	7 720
JUN	13 300	DEC	4 400

TOTAL DISCHARGE, 180 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "TRACADIE RIVER AT MURCHY BRIDGE CROSSING" TO 1985

BURPEE MILLSTREAM NEAR FERNHOUNT - STATION NO. 01AD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	D
1	0.3408	0.1108	0.3408	8.85	8.27	1.28 E	0.283	0.132	0.288	0.348	2.05	1.00 B	
2	0.3208	0.1088	0.3348	7.80	8.34	1.47 E	0.238	0.111	2.72	0.317	2.84	0.4858	
3	0.3008	0.1028	0.3288	8.038	18.1	1.39 E	0.228	0.088	2.13	1.10	2.22	0.7858	
4	0.2858	0.0988	0.3208	7.748	10.5	1.17 E	0.215	0.081	1.26	1.33	2.02	0.4308	
5	0.2708	0.0958	0.3148	12.0 B	7.03	1.07 E	0.219	15.1 A	0.788	0.880	1.80	0.8308	
6	0.2578	0.0948	0.3068	30.6 B	8.20	0.8658	0.213	28.2 E	0.863	0.740	1.83	0.7858	
7	0.2488	0.0928	0.3028	28.2 B	13.7	0.8058	0.198	11.8 A	0.468	0.861	2.18	0.7808	
8	0.2538	0.0908	0.2978	14.8	10.1	0.8438	0.185	12.7 A	0.388	0.748	1.74	0.6108	
9	0.2608	0.0888	0.2928	8.30	7.12	0.841	0.180	8.95 A	0.381	0.682	1.88	0.8008	
10	0.2468	0.0888	0.2888	9.33	5.86A	0.809	0.178	4.72 E	0.280	0.487	8.08	0.8458	
11	0.2358	0.0858	0.2848	7.67	6.20E	1.74	1.43	2.86 A	0.237	0.443	4.17	0.6118	
12	0.2288	0.0848	0.2818	6.83	5.60E	1.76	1.03	2.70	0.218	0.383	2.84	0.7858	
13	0.2308	0.0838	0.2788	6.14	5.10E	1.43	0.877	2.48	0.184	0.368	2.00	0.8858	
14	0.2218	0.0828	0.2768	5.84	4.88E	0.837	0.414	2.28	0.178	0.384	1.88	0.8258	
15	0.2148	0.0818	0.3958	5.89	4.40E	0.878	0.381	2.88	0.328	0.348	2.47	0.8808	
16	0.2208	0.0818	0.8008	6.08	3.80E	1.08	0.282	2.22	0.280	0.324	6.38	0.8408	
17	0.2088	0.0818	1.308	7.08	3.20E	2.01	0.278	1.80	0.240	0.287	7.14	0.5008	
18	0.2008	0.0808	1.708	5.88	2.68E	1.88	0.245	0.988	0.301	0.388	4.73	0.4858	
19	0.1858	0.0808	1.138	5.83	2.37E	2.88	0.235	0.882	0.225	0.383	3.35	0.4408	
20	0.1758	0.0808	1.088	6.18	2.10E	1.74	0.178	0.613	0.340	0.318	2.30	0.4208	
21	0.1858	0.1808	1.048	6.32	2.10E	1.18	0.181	0.838	1.42	2.81	1.84	0.4068	
22	0.1848	0.3508	0.9958	5.82	1.80E	0.785	0.148	3.25	0.858	3.48	1.808	0.3808	
23	0.1458	0.4388	0.9858	4.63	1.78E	0.623	0.118	1.57	0.588	2.41	1.808	0.3788	
24	0.1378	0.4188	0.9408	4.83	1.68E	0.624	0.115	1.30	0.712	1.88	1.428	0.3808	
25	0.1268	0.3958	0.9008	6.21	1.88E	0.488	0.104	0.758	0.857	1.38	1.388	0.3458	
26	0.1208	0.3878	1.00 B	6.40	1.98E	0.438	0.102	0.524	0.844	1.14	1.228	0.3358	
27	0.1178	0.3718	1.60 B	5.88	1.78E	0.388	0.100	0.434	1.23	0.981	1.128	0.3268	
28	0.1158	0.3558	10.0 B	5.17	1.61E	0.337	0.116	0.368	0.780	0.814	1.188	0.3108	
29	0.1238		26.1 B	5.52	1.50E	0.321	0.388	0.318	0.570	0.658	1.188	0.3008	
30	0.1188		18.0 B	5.33	1.40E	0.278	0.243	0.281	0.459	0.602	1.088	0.2908	
31	0.1158		10.4		1.30E		0.185	0.281		0.578		0.2808	
TOTAL	6.335	4.887	60.988	244.85	180.87	31.883	6.892	108.276	19.231	37.484	78.87	17.958	TO
MEAN	0.204	0.187	2.81	8.14	5.19	1.07	0.287	3.83	0.641	0.885	2.82	0.578	ME
MAX	0.340	0.438	25.1	28.2	18.1	2.88	1.43	28.2	2.72	3.48	8.08	1.00	MA
MIN	0.115	0.080	0.278	4.83	1.30	0.278	0.100	0.081	0.178	0.310	1.08	0.280	MI

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.17
MAXIMUM DAILY, 30.38 ON APR 7
MINIMUM DAILY, 0.0808 ON FEB 18
MAXIMUM INSTANTANEOUS,
33.3 AT 10:30 AST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 24 N
LONG 65 18 41 W
DRAINAGE AREA, 93.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	847	JUL	788
FEB	403	AUG	9 480
MAR	7 000	SEP	1 680
APR	21 100	OCT	3 370
MAY	13 800	NOV	8 600
JUN	2 780	DEC	1 650

TOTAL DISCHARGE, 86 300 dam³

CANAAN RIVER AT EAST CANAAN - STATION NO. 01AP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.15 B	1.18 B	8.40B	23.3	18.4 A	6.00E	1.21	2.38	1.81	2.28	1.47	9.10B	1
2	2.85 B	1.30 B	6.80B	17.7	24.0 E	6.22E	1.18	1.88	2.03	1.97	2.78	7.80B	2
3	2.67 B	1.37 B	5.80B	19.8	52.0 E	6.18E	1.44	1.24	5.78	2.17	3.28	6.80B	3
4	2.42 B	1.14 B	4.40B	33.8	44.0 E	5.60E	1.42	0.832	4.08	7.86	3.22	5.85B	4
5	2.22 B	1.02 B	3.40B	81.7	33.0 E	4.90E	1.27	5.87	2.82	5.28	4.88	5.10B	5
6	2.02 B	0.9228	2.80B	94.2	24.5 E	4.48E	1.10	143	2.27	4.90	4.18	5.68B	6
7	1.88 B	0.8808	2.50B	184	36.0 E	4.00E	1.10	94.8	1.84	5.08	3.82	6.30B	7
8	1.78 B	0.8408	3.20B	88.3	46.0 E	3.38A	1.80	48.2	1.84	4.90	4.44	4.85B	8
9	3.40 B	0.8008	1.85B	37.8	27.0 E	3.82	1.57	33.4	1.42	4.22	4.01	4.70B	9
10	3.18 B	0.7808	1.75B	34.4	27.0 E	3.20	1.30	21.0	1.31	3.48	13.7	4.38B	10
11	2.80 B	0.7388	1.55B	30.8	28.2 E	4.32	2.88	13.3	1.25	3.03	38.7	4.05B	11
12	2.80 B	0.7008	1.40B	27.3	30.5 E	6.30	8.07	8.77	1.17	2.70	28.6	3.82B	12
13	2.10 B	0.8708	1.22B	23.8	28.0 E	8.38	7.03	7.18	1.07	2.41	24.3	3.80B	13
14	2.30 B	0.8488	1.12B	22.8	32.2 E	6.32	4.47	12.3	1.04	2.24	17.2	3.42B	14
15	2.80 B	0.8208	1.80B	19.8	31.2 E	3.38	3.34	10.6	1.10	2.07	18.3	3.30B	15
16	3.30 B	0.8408	44.0 B	20.3	19.0 E	3.37	2.54	7.81	1.81	1.90	25.3	3.10B	16
17	2.80 B	0.8508	32.0 B	24.3	17.0 E	8.83	1.88	5.48	1.58	2.18	38.2	2.88B	17
18	2.02 B	0.7808	24.0 B	27.3	14.5 E	6.48	1.57	3.87	2.10	2.48	48.8	2.65B	18
19	1.80 B	0.7408	14.0 B	23.0	12.8 E	5.82	1.37	3.07	1.98	2.38	38.0	2.70B	19
20	1.72 B	0.8808	10.0 B	24.5	11.2 E	4.78	1.14	2.48	1.71	2.28	26.2	2.58B	20
21	1.50 B	1.15 B	7.20B	22.8	10.2 E	3.80	0.888	2.08	3.47	2.18	17.8	2.42B	21
22	1.40 B	84.0 B	5.80B	19.8	9.70E	3.63	0.808	1.88	4.28	2.81	14.3	2.33B	22
23	1.30 B	70.0 B	4.80B	17.3	8.80E	3.17	0.784	4.40	3.48	2.50	13.0 B	2.28B	23
24	1.20 B	46.0 B	4.10B	15.5	8.00E	1.88	0.893	7.18	3.03	2.28	11.8 B	2.18B	24
25	1.12 B	32.0 B	3.68B	21.0	7.70E	1.64	0.890	5.30	2.84	2.08	10.7 B	2.05B	25
26	1.08 B	24.0 B	3.30B	23.2	7.80E	1.58	0.858	3.67	2.23	1.84	9.80B	2.00B	26
27	1.00 B	19.0 B	9.00B	21.8	8.40E	1.54	0.837	2.78	3.74	1.73	8.00B	1.93B	27
28	0.9808	15.0 B	118 B	19.2	9.00E	1.48	0.845	2.31	4.08	1.68	9.80B	1.90B	28
29	0.9108		82.0 B	17.6	8.00E	1.55	3.67	1.97	3.41	1.68	10.7 B	1.85B	29
30	0.8808		77.7	18.0	6.70E	1.38	8.31	1.73	2.78	1.56	10.0 B	1.82B	30
31	1.00 B		40.7		6.22E		3.62	1.82		1.48		1.81B	31
TOTAL	82.080	306.842	523.84	1 015.8	834.02	119.18	88.581	482.412	73.30	88.05	459.04	118.17	TOTAL
MEAN	2.00	11.0	16.9	33.9	20.5	3.97	2.15	14.8	2.44	2.84	15.3	3.78	MEAN
MAX	3.40	84.0	118	184	52.0	8.93	8.07	143	5.78	7.86	48.8	9.10	MAX
MIN	0.880	0.848	1.12	15.5	6.22	1.38	0.837	0.832	1.04	1.48	1.47	1.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 184 ON APR 7
MINIMUM DAILY, 0.837 ON JUL 27
MAXIMUM INSTANTANEOUS,
170 AT 11:08 AST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 04 19 N
LONG 65 22 00 W
DRAINAGE AREA, 868 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 380	JUL	5 750
FEB	26 700	AUG	40 000
MAR	45 300	SEP	6 330
APR	87 800	OCT	7 610
MAY	84 800	NOV	39 700
JUN	10 300	DEC	10 000

TOTAL DISCHARGE, 340 000 dam³

CASTAWAY STREAM NEAR CASTAWAY - STATION NO. 01AN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1758	0.0828	0.1508	1.55E	1.95	0.824	0.182	0.188	0.274	0.208	0.337	0.377	1
2	0.1638	0.1058	0.1308	1.38E	2.43	0.724	0.161	0.148	0.858	0.195	0.480	0.345	2
3	0.1528	0.0978	0.1128	1.22E	8.08	0.860	0.214	0.128	0.781	0.388	0.387	0.282	3
4	0.1438	0.0808	0.1008	1.48A	3.73	0.558	0.171	0.122	0.521	0.852	0.387	0.323	4
5	0.1338	0.0858	0.0918	2.70A	2.38	0.808	0.152	3.03	0.388	0.392	0.324	0.320	5
6	0.1258	0.0818	0.0858	8.70E	1.97	0.448	0.148	9.88	0.327	0.317	0.294	0.288	6
7	0.1208	0.0788	0.0788	5.80E	5.83	0.487	0.135	3.81	0.288	0.318	0.382	0.287	7
8	0.1848	0.0728	0.0748	4.73A	5.21	0.440	0.121	2.18	0.288	0.344	0.385	0.312	8
9	0.1848	0.0838	0.0888	3.48E	3.33	0.425	0.122	1.78	0.241	0.301	0.538	0.338	9
10	0.1848	0.0858	0.0858	2.70E	2.30	0.370	0.138	1.08	0.228	0.275	2.38	0.3358	10
11	0.1558	0.0828	0.0818	2.24E	3.28	0.815	0.412	0.840	0.214	0.258	1.83	0.2958	11
12	0.1468	0.0658	0.0588	1.89A	3.48	0.628	0.424	0.711	0.208	0.228	0.847	0.2628	12
13	0.1368	0.0678	0.0558	1.70E	2.40	0.488	0.278	1.30	0.208	0.228	0.885	0.2428	13
14	0.1288	0.0558	0.1088	1.60E	2.13	0.387	0.228	2.88	0.197	0.218	0.823	0.2268	14
15	0.1788	0.0578	0.4848	1.52E	1.98	0.331	0.207	1.82	0.226	0.201	0.885	0.2108	15
16	0.2108	0.0808	1.80 B	1.82E	1.87	0.388	0.177	1.04	0.281	0.193	2.28	0.1888	16
17	0.1848	0.0588	1.32 B	1.78E	1.43	0.532	0.238	1.02	0.243	0.240	4.30	0.1888	17
18	0.1508	0.0548	1.05 B	1.82E	1.20	0.487	0.181	0.804	0.285	0.238	3.31	0.1758	18
19	0.1408	0.0528	0.9108	1.55E	1.02	0.550	0.159	0.635	0.223	0.233	1.80	0.1858	19
20	0.1308	0.0508	0.7808	1.50E	0.968	0.437	0.137	0.881	0.247	0.210	1.13	0.1638	20
21	0.1228	0.1848	0.6608	1.55E	0.872	0.351	0.118	0.803	0.487	0.270	0.884	0.1508	21
22	0.1148	0.5758	0.5708	1.58A	0.814	0.292	0.105	0.800	0.358	0.443	0.779	0.1458	22
23	0.1078	0.4808	0.5008	1.81	0.828	0.260	0.102	0.889	0.284	0.345	0.673	0.1398	23
24	0.1028	0.3708	0.4508	1.88	0.780	0.248	0.095	0.858	0.278	0.284	0.589	0.1328	24
25	0.0958	0.2868	0.4008	2.02	0.787	0.227	0.087	0.482	0.284	0.282	0.538	0.1288	25
26	0.0888	0.2508	0.4708	1.95	0.748	0.220	0.101	0.381	0.233	0.253	0.503	0.1238	26
27	0.0838	0.2158	0.8008	2.08	0.858	0.201	0.088	0.340	0.355	0.233	0.471	0.1188	27
28	0.0788	0.1808	1.30 B	1.98	0.888	0.187	0.201	0.314	0.303	0.217	0.436	0.1168	28
29	0.0758		2.85 E	1.82	0.738	0.177	0.778	0.287	0.281	0.200	0.448	0.1148	29
30	0.0738		2.25 E	1.98	0.653	0.161	0.438	0.279	0.232	0.194	0.397	0.1158	30
31	0.0708		1.80 E		0.820		0.281	0.272		0.184		0.1168	31
TOTAL	4.083	3.914	19.489	89.30	83.621	12.373	5.377	37.951	8.491	8.432	28.187	5.744	TOTAL
MEAN	0.132	0.140	0.629	2.31	2.05	0.412	0.208	1.22	0.318	0.272	0.972	0.218	MEAN
MAX	0.210	0.575	2.85	8.70	8.08	0.724	0.778	9.88	0.858	0.852	4.30	0.377	MAX
MIN	0.070	0.050	0.055	1.22	0.820	0.161	0.055	0.132	0.197	0.183	0.384	0.114	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.742
MAXIMUM DAILY, 9.88 ON AUG 8
MINIMUM DAILY, 0.0508 ON FEB 20
MAXIMUM INSTANTANEOUS,
13.0 AT 03:33 AST ON AUG 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 54 N
LONG 65 42 43 W
DRAINAGE AREA, 34.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	354	JUL	551
FEB	338	AUG	3 280
MAR	1 880	SEP	820
APR	5 350	OCT	729
MAY	5 480	NOV	2 520
JUN	1 070	DEC	583

TOTAL DISCHARGE, 23 400 dam³

REMARKS - PUBLISHED UNDER THE NAME "CASTAWAY BROOK NEAR CASTAWAY" TO 1985

NEW BRUNSWICK

CATAMARAN BROOK AT REPAP ROAD BRIDGE - STATION NO. 01BP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	0.487	0.2788	1
2	---	---	---	---	---	---	---	---	---	---	0.841	0.2888	2
3	---	---	---	---	---	---	---	---	---	---	0.320	0.2588	3
4	---	---	---	---	---	---	---	---	---	---	0.382	0.2408	4
5	---	---	---	---	---	---	---	---	---	---	0.283	0.2308	5
6	---	---	---	---	---	---	---	---	---	---	0.238	0.2268	6
7	---	---	---	---	---	---	---	---	---	---	0.280	0.2188	7
8	---	---	---	---	---	---	---	---	---	---	0.273	0.2118	8
9	---	---	---	---	---	---	---	---	---	---	0.847	0.2068	9
10	---	---	---	---	---	---	---	---	---	---	2.13	0.1988	10
11	---	---	---	---	---	---	---	---	---	---	1.08	0.1928	11
12	---	---	---	---	---	---	---	---	---	---	0.748	0.1878	12
13	---	---	---	---	---	---	---	---	---	---	0.547	0.1828	13
14	---	---	---	---	---	---	---	---	---	---	0.503	0.1788	14
15	---	---	---	---	---	---	---	---	---	---	0.537	0.1728	15
16	---	---	---	---	---	---	---	---	---	---	0.614	0.1688	16
17	---	---	---	---	---	---	---	---	---	---	1.50	0.1688	17
18	---	---	---	---	---	---	---	---	---	---	1.13	0.1888	18
19	---	---	---	---	---	---	---	---	---	---	0.815	0.1828	19
20	---	---	---	---	---	---	---	---	---	---	0.867	0.1888	20
21	---	---	---	---	---	---	---	---	---	---	0.830	0.1868	21
22	---	---	---	---	---	---	---	---	---	---	0.5848	0.1638	22
23	---	---	---	---	---	---	---	---	---	---	0.5308	0.1508	23
24	---	---	---	---	---	---	---	---	---	---	0.4898	0.1478	24
25	---	---	---	---	---	---	---	---	---	0.138A	0.4258	0.1468	25
26	---	---	---	---	---	---	---	---	---	0.112	0.3858	0.1438	26
27	---	---	---	---	---	---	---	---	---	0.102	0.3608	0.1418	27
28	---	---	---	---	---	---	---	---	---	0.089	0.3388	0.1388	28
29	---		---	---	---	---	---	---	---	0.066	0.3108	0.1388	29
30	---		---	---	---	---	---	---	---	0.077	0.2858	0.1378	30
31	---		---		---		---	---		0.074		0.1808	31
TOTAL	---	---	---	---	---	---	---	---	---	---	18.844	5.852	TOT
MEAN	---	---	---	---	---	---	---	---	---	---	0.818	0.183	MEA
MAX	---	---	---	---	---	---	---	---	---	---	2.13	0.278	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0.238	0.137	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 27 N
LONG 66 11 18 W
DRAINAGE AREA, 26.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	1 800
JUN	---	DEC	488

CHAMCOOK STREAM AT LITTLE CHAMCOOK LAKE OUTLET - STATION NO. 01AR012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	0.085	0.048	0.131	0.277	0.185	0.188	0.085	0.027	0.048	0.015	0.288	0.3058	1
2	0.082	0.048	0.120	0.288	0.198	0.185	0.081	0.024	0.058	0.017	0.318	0.3008	2
3	0.082	0.048	0.108	0.258	0.271	0.174	0.084	0.023	0.052	0.023	0.301	0.3008	3
4	0.078	0.047	0.098	0.308	0.320	0.185	0.080	0.023	0.048	0.023	0.308	0.2808	4
5	0.074	0.046	0.084	0.428	0.332	0.155	0.075	0.057	0.037	0.020	0.288	0.2808	5
6	0.088	0.048	0.093	0.514	0.358	0.150	0.071	0.078	0.032	0.018	0.282	0.282A	6
7	0.083	0.045	0.087	0.705	0.473	0.158	0.071	0.086	0.018	0.020	0.281	0.233	7
8	0.082	0.047	0.080	0.780	0.558	0.155	0.088	0.101	0.017	0.018	0.284	0.222	8
9	0.083	0.042	0.076	0.712	0.594	0.186	0.083	0.108	0.018	0.018	0.280	0.213	9
10	0.059	0.041	0.088	0.838	0.806	0.211	0.082	0.107	0.018	0.018	0.408	0.703	10
11	0.058	0.038	0.084	0.678	0.674	0.242	0.088	0.106	0.011	0.018	0.488	0.192	11
12	0.058	0.037	0.083	0.524	0.777	0.263	0.082	0.126	0.008	0.021	0.472	0.181	12
13	0.056	0.036	0.080	0.458	0.810	0.267	0.058	0.148	0.008	0.021	0.436	0.186	13
14	0.053	0.040	0.057	0.407	1.12	0.268	0.058	0.188	0.008	0.021	0.415	0.187	14
15	0.057	0.044	0.062	0.363	1.22	0.265	0.084	0.181	0.008	0.020	0.393	0.143	15
16	0.058	0.048	0.077	0.328	1.08	0.255	0.080	0.180	0.007	0.020	0.417	0.138	16
17	0.057	0.044	0.088	0.320	0.848	0.258	0.058	0.185	0.007	0.018	0.481	0.144	17
18	0.058	0.043	0.088	0.308	0.684	0.251	0.055	0.168	0.008	0.018	0.483	0.130	18
19	0.057	0.042	0.087	0.280	0.586	0.248	0.051	0.138	0.008	0.017	0.474	0.115	19
20	0.060	0.040	0.093	0.277	0.485	0.238	0.048	0.125	0.010	0.017	0.438	0.108	20
21	0.068	0.048	0.103	0.258	0.388	0.227	0.048	0.112	0.012	0.070	0.414	0.097	21
22	0.066	0.095	0.108	0.255	0.315	0.213	0.042	0.114	0.014	0.148	0.384	0.093	22
23	0.068	0.135	0.088	0.260	0.273	0.188	0.038	0.108	0.015	0.187	0.338	0.088	23
24	0.063	0.148	0.080	0.242	0.250	0.183	0.035	0.087	0.017	0.181	0.324	0.084	24
25	0.068	0.155	0.102	0.231	0.245	0.188	0.031	0.084	0.018	0.188	0.328	0.082	25
26	0.058	0.157	0.138	0.222	0.233	0.185	0.028	0.074	0.018	0.180	0.324	0.081	26
27	0.061	0.148	0.182	0.218	0.242	0.143	0.028	0.068	0.013	0.148	0.318	0.078	27
28	0.058	0.140	0.184	0.208	0.262	0.133	0.032	0.082	0.011	0.148	0.300	0.077	28
29	0.055		0.238	0.198	0.225	0.123	0.035	0.057	0.012	0.148	0.270A	0.078	29
30	0.052		0.282	0.190	0.215	0.108	0.032	0.053	0.014	0.140	0.280E	0.070	30
31	0.050		0.281		0.207		0.028	0.093		0.188		0.085	31
TOTAL	1.940	1.881	3.478	11.003	14.950	5.949	1.713	2.944	0.550	1.872	10.758	4.875	TOT
MEAN	0.063	0.068	0.112	0.367	0.482	0.198	0.055	0.095	0.018	0.084	0.359	0.150	MEA
MAX	0.085	0.157	0.281	0.780	1.22	0.267	0.085	0.181	0.068	0.187	0.483	0.305	MAX
MIN	0.050	0.036	0.057	0.180	0.185	0.108	0.028	0.033	0.008	0.015	0.284	0.085	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.170
MAXIMUM DAILY, 1.22 ON MAY 15
MINIMUM DAILY, 0.008 ON SEP 14
MAXIMUM INSTANTANEOUS,
1.26 AT 04:28 AST ON MAY 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 26 N
LONG 67 06 48 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	188	JUL	148
FEB	153	AUG	284
MAR	300	SEP	47.5
APR	881	OCT	170
MAY	1 280	NOV	828
JUN	514	DEC	430

TOTAL DISCHARGE, 5 380 dam³

COAL BRANCH RIVER AT BEERSVILLE - STATION NO. 01BS001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6430	0.3500	0.5670	3.460	7.10	1.42	0.291	1.35	0.870	0.592	0.760	1.72 B	1
2	0.6180	0.3520	0.5500	2.820	6.30	1.50	0.492	0.992	1.04	0.548	1.06	1.60 B	2
3	0.5910	0.3440	0.5400	3.000	27.5	1.33	0.726	0.751	2.03	0.550	0.865	1.52 B	3
4	0.5700	0.3380	0.5220	4.590	18.7	1.22	0.523	0.620	1.48	1.71	1.14	1.44 B	4
5	0.5600	0.3260	0.5120	8.230	10.5	1.08	0.360	10.4	1.18	1.38	1.07	1.50 B	5
6	0.5400	0.3200	0.4980	13.1 B	7.98	0.975	0.324	83.5	0.995	1.14	0.843	1.74 B	6
7	0.5200	0.3120	0.4860	38.6 B	10.1	1.33	0.288	20.6	0.812	1.17	1.08	1.70 B	7
8	0.5300	0.3060	0.4780	20.3	8.84	1.13	0.347	14.1	0.782	1.80	1.05	1.62 B	8
9	0.5480	0.2970	0.4520	8.55	7.97	1.09	0.246	11.9	0.882	1.28	1.47	1.57 B	9
10	0.5270	0.2900	0.4400	8.40	8.55	1.00	0.268	8.40	0.834	1.08	8.45	1.52 B	10
11	0.5100	0.2850	0.4300	7.85	8.53	1.70	1.60	4.25	0.995	0.924	5.42	1.48 B	11
12	0.5000	0.2820	0.4150	7.40	8.45	2.21	3.67	3.08	0.864	0.845	5.00	1.45 B	12
13	0.4900	0.2780	0.4070	7.01	8.78	1.85	2.21	3.51	0.523	0.787	3.73	1.40 B	13
14	0.4770	0.2720	0.3950	6.75	8.33	1.37	1.46	5.33	0.466	0.763	3.21	1.35 B	14
15	0.4640	0.2660	0.3800	6.38	8.07	1.13	1.21	3.80	0.671	0.842	8.26	1.31 B	15
16	0.4550	0.2640	2.00 B	6.55	4.57	1.16	0.831	2.75	0.770	0.818	7.73	1.26 B	16
17	0.4470	0.2600	1.82 B	6.84	4.10	1.73	0.617	2.15	0.763	0.790	10.6	1.25 B	17
18	0.4380	0.2560	1.35 B	7.02	3.58	1.50	0.487	1.74	0.883	0.801	8.45	1.21 B	18
19	0.4300	0.2520	1.20 B	6.76	3.09	1.50	0.345	1.37	0.742	0.784	5.85	1.16 B	19
20	0.4200	0.2490	1.11 B	7.55	2.80	1.25	0.277	1.14	0.718	0.893	4.35	1.16 B	20
21	0.4600	0.4000	1.03 B	6.97	2.77	0.936	0.206	1.08	1.28	0.722	3.51 B	1.14 B	21
22	0.4600	0.9200	0.9950	6.02	2.65	0.750	0.178	3.80	1.13	0.659	2.96 B	1.12 B	22
23	0.4400	0.6100	0.9700	5.17	2.28	0.880	0.169	8.73	0.958	0.769	2.39 B	1.10 B	23
24	0.4300	0.7500	0.9350	4.89	2.04	0.561	0.215	5.00	0.848	0.889	2.04 B	1.08 B	24
25	0.4200	0.7000	0.9150	7.52	1.89	0.810	0.232	3.08	0.810	0.567	1.82 B	1.07 B	25
26	0.4100	0.6700	0.8400	8.44	1.88	0.547	0.280	2.21	0.740	0.558	1.70 B	1.05 B	26
27	0.4000	0.6450	1.10 B	7.96	2.14	0.511	0.249	1.79	1.08	0.514	1.58 B	1.04 B	27
28	0.3910	0.6200	1.38 B	7.21	2.16	0.453	0.488	1.51	1.00	0.461	1.70 B	1.03 B	28
29	0.3848		10.5 B	6.84	1.83	0.467	4.15	1.26	0.874	0.468	1.52 B	1.01 B	29
30	0.3778		8.78 B	6.80	1.61	0.367	2.92	1.08	0.748	0.485	1.60 B	1.00 B	30
31	0.3708		5.92 B		1.53		1.93	1.01		0.452		0.9808	31
TOTAL	16.788	11.426	49.083	246.78	183.88	33.267	27.737	207.862	27.493	25.528	99.848	41.470	TOTAL
MEAN	0.477	0.408	1.58	8.23	5.93	1.11	0.895	6.70	0.916	0.823	3.33	1.34	MEAN
MAX	0.643	0.920	10.5	38.6	27.5	2.21	4.15	83.5	2.03	1.71	10.6	1.80	MAX
MIN	0.370	0.249	0.388	2.82	1.53	0.367	0.178	0.620	0.466	0.452	0.768	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.85
MAXIMUM DAILY, 83.5 ON AUG 6
MINIMUM DAILY, 0.178 ON JUL 22
MAXIMUM INSTANTANEOUS,
136 AT 04:40 AST ON AUG 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 37 N
LONG 65 03 55 W
DRAINAGE AREA, 186 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	2 400
FEB	987	AUG	17 900
MAR	4 240	SEP	2 380
APR	21 300	OCT	2 210
MAY	15 900	NOV	8 630
JUN	2 870	DEC	3 580

TOTAL DISCHARGE, 83 700 dam³

COLD STREAM AT COLDSTREAM - STATION NO. 01AJ011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.778	0.488	0.938	4.828	7.37	1.57	0.628	8.375	1.67	1.38	2.41	1.61	1
2	0.760	0.468	0.928	4.278	10.1	1.87	0.548	0.328	8.02	1.19	2.40	1.58	2
3	0.767	0.453	0.858	4.588	22.7	1.52	0.553	0.283	4.11	1.77	1.89	1.78	3
4	0.678	0.418	0.653	8.55	14.6	1.37	0.481	0.342	2.84	1.74	2.45	1.63	4
5	0.881	0.394	0.471	15.0	8.35	1.38	0.431	2.38	2.43	1.48	2.01	1.70	5
6	0.848	0.383	0.451	31.8	8.18	1.17	0.415	9.88	2.18	1.33	1.97	1.82	6
7	0.803	0.387	0.404	54.3	10.1	1.07	0.362	4.21	1.88	1.38	2.18	1.88	7
8	0.832	0.388	0.412	27.8	11.8	1.05	0.385	3.33	1.85	1.38	2.17	1.42	8
9	0.722	0.377	0.381	15.3	9.52	1.01	0.323	2.85	1.71	1.35	2.41	1.28	9
10	0.734	0.357	0.385	11.3	7.13	1.11	0.890	1.91	1.59	1.19	5.82	1.34	10
11	0.887	0.380	0.390	9.82	8.16	2.97	1.80	1.98	1.48	1.13	4.81	1.37	11
12	0.805	0.383	0.400	8.20	9.33	1.96	0.816	1.80	1.38	1.08	4.29	1.28	12
13	0.802	0.358	0.371	8.16	7.88	1.38	0.570	4.85	1.28	1.05	3.88	1.20	13
14	0.844	0.368	0.385	8.28	8.28	1.11	0.488	18.2	1.22	1.00	3.80	1.15	14
15	0.867	0.388	0.507	7.52	8.26	0.978	0.488	13.0	1.38	0.978	4.99	1.18	15
16	0.885	0.351	1.48	7.58	8.81	1.08	0.400	7.80	1.29	1.04	8.89	1.13	16
17	0.888	0.331	1.94	8.34	8.98	1.22	0.350	8.88	1.65	1.47	11.8	1.10	17
18	0.857	0.329	2.02	8.95	9.27	1.08	0.337	4.87	1.88	1.22	8.41	1.08	18
19	0.837	0.288	1.58	7.88	8.87	1.10	0.311	4.12	1.18	1.12	8.82	1.02	19
20	0.841	0.308	1.30	7.48	8.22	0.971	0.348	3.88	1.35	1.03	8.82	0.938	20
21	0.484	0.324	1.17	7.02	3.81	0.814	0.291	3.31	1.81	2.01	5.10	0.801	21
22	0.518	0.436	0.954	6.80	3.83	0.729	0.242	3.05	1.37	2.38	4.45	0.880	22
23	0.543	0.610	0.875	6.21	3.25	0.658	0.243	2.73	1.21	1.88	3.58	0.781	23
24	0.533	0.809	0.913	5.87	2.88	0.620	0.198	2.57	1.55	1.55	2.98	0.730	24
25	0.488	0.813	0.948	5.83	2.72	0.571	0.208	2.07	1.30	1.57	2.88	0.717	25
26	0.483	0.810	0.992	5.24	2.42	0.578	0.213	1.81	1.44	1.53	3.11	0.788	26
27	0.503	0.878	1.18	8.54	2.44	0.503	0.196	1.65	2.51	1.44	2.84	0.772	27
28	0.488	0.887	1.80 B	8.17	2.12	0.507	1.08	1.50	1.71	1.40	2.47	0.730	28
29	0.478		10.2 B	5.24	1.88	0.531	1.81	1.37	1.83	1.32	2.48	0.888	29
30	0.481		10.5	5.84	1.88	0.480	0.807	1.28	1.48	1.24	1.85	0.838	30
31	0.488		6.73		1.81		0.484	1.20		1.23		0.808	31
TOTAL	18.243	12.534	51.226	323.56	208.03	32.888	16.237	114.848	57.80	42.728	117.81	35.588	TOTAL
MEAN	0.588	0.448	1.65	10.8	6.71	1.09	0.524	3.70	1.93	1.38	3.82	1.15	MEAN
MAX	0.778	0.813	10.5	54.3	22.7	2.97	1.81	18.2	8.02	2.38	11.8	1.63	MAX
MIN	0.483	0.288	0.371	4.27	1.81	0.480	0.198	0.283	1.18	0.978	1.85	0.808	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.82
MAXIMUM DAILY, 54.3 ON APR 7
MINIMUM DAILY, 0.198 ON JUL 27
MAXIMUM INSTANTANEOUS,
58.0 AT 12:57 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 32 N
LONG 67 28 09 W
DRAINAGE AREA, 156 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 580	JUL	1 400
FEB	1 080	AUG	9 800
MAR	4 430	SEP	5 000
APR	28 000	OCT	3 880
MAY	18 000	NOV	10 200
JUN	2 820	DEC	3 070

TOTAL DISCHARGE, 89 200 dam³

DENNIS STREAM NEAR ST. STEPHEN - STATION NO. 01AR006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.5108	0.5508	3.80 B	9.008	3.06	2.58	0.637	0.383	0.233	0.338	3.84	1.95 B
2	0.4608	0.8208	2.85 B	7.408	5.07	2.38	0.510	0.323	0.853	0.319	3.87	1.78 B
3	0.4658	0.5308	2.50 B	8.808	9.78	2.10	0.480	0.340	0.507	0.441	3.86	1.67 B
4	0.4358	0.4608	2.00 B	8.55	10.0	1.88	0.415	0.327	0.408	0.507	4.70	1.67 B
5	0.4028	0.4008	1.70 B	8.01	8.05	1.75	0.382	0.883	0.358	0.488	4.11	1.50 B
6	0.3908	0.3308	1.50 B	17.0	8.17	1.60	0.348	0.858	0.303	0.421	3.61	1.42 B
7	0.3808	0.2858	1.30 B	27.8	13.0	2.31	0.337	0.677	0.275	0.425	3.38	1.38 B
8	0.4508	0.2608	1.10 B	24.4	13.3	2.86	0.303	1.86	0.256	0.424	2.98	1.32 B
9	0.5808	0.2258	0.9508	14.3	12.5	3.38	0.271	1.61	0.235	0.422	3.78	1.26 B
10	0.4008	0.2058	0.8508	8.46	9.34	3.96	0.281	1.53	0.217	0.414	8.88	1.23 B
11	0.3418	0.1908	0.7808	4.88	11.1	5.04	0.435	1.38	0.201	0.487	5.47	1.18 B
12	0.3908	0.1808	0.7108	4.70	13.7	4.87	0.338	1.61	0.188	0.835	4.87	1.14 B
13	0.3208	0.1708	0.6508	4.78	14.4	4.34	0.276	3.03	0.174	0.578	4.22	1.11 B
14	0.3808	0.2108	0.6808	4.80	23.4	3.63	0.300	3.26	0.164	0.538	3.82	1.08 B
15	0.5008	0.2808	0.7808	4.34	18.6	2.83	0.511	3.08	0.341	0.488	3.78	1.04 B
16	0.7408	0.2558	0.6808	4.38	15.6	2.90	0.402	2.83	0.309	0.478	4.10	1.01 B
17	0.6008	0.2358	1.30 B	5.44	11.1	2.78	0.338	2.28	0.275	0.487	5.87	0.9808
18	0.5208	0.2208	2.40 B	5.34	7.48	2.61	0.308	1.76	0.243	0.481	5.51	0.9508
19	0.4508	0.2108	5.80 B	5.13	5.63	2.56	0.270	1.38	0.212	0.484	5.21	0.9208
20	0.5708	0.1908	4.80 B	4.87	3.68	2.48	0.260	1.09	0.385	0.470	4.85	0.8008
21	0.7008	0.5008	4.00 B	4.14	3.18	2.24	0.232	0.842	0.434	1.75	3.808	0.8708
22	0.5508	2.78 B	3.40 B	3.77	3.06	1.87	0.208	0.883	0.364	1.80	3.308	0.8508
23	0.4708	2.40 B	3.00 B	3.58	2.81	1.58	0.184	0.782	0.317	1.72	2.888	0.8208
24	0.4108	2.80 B	2.65 B	3.42	2.42	1.38	0.178	0.683	0.365	1.48	2.608	0.8008
25	0.3808	10.0 B	2.40 B	3.34	2.52	1.17	0.170	0.581	0.324	1.84	2.388	0.7808
26	0.3808	11.3 B	3.10 B	3.18	2.45	1.05	0.184	0.441	0.383	1.88	2.028	0.7858
27	0.5008	8.00 B	4.80 B	3.12	3.85	0.916	0.638	0.380	0.460	1.43	1.888	0.7608
28	0.5008	8.20 B	7.00 B	3.08	3.63	0.834	1.12	0.327	0.387	1.23	2.208	0.7388
29	0.4258		8.20 B	2.88	3.12	0.731	1.04	0.285	0.382	1.08	2.258	0.7308
30	0.4008		13.0 B	3.02	2.88	0.638	0.882	0.262	0.381	0.974	2.178	0.7258
31	0.5008		10.2 B		2.84		0.488	0.266		0.856		0.7208
TOTAL	14.488	48.795	98.880	212.78	251.81	71.418	13.404	35.841	9.892	25.397	113.08	33.858
MEAN	0.467	1.78	3.22	7.08	8.12	2.38	0.400	1.18	0.323	0.819	3.77	1.10
MAX	0.740	11.3	13.0	27.8	23.4	5.04	1.12	3.26	0.853	1.88	5.87	1.95
MIN	0.380	0.170	0.850	2.88	2.42	0.638	0.184	0.266	0.184	0.319	1.88	0.720

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.85
MAXIMUM DAILY, 27.8 ON APR 7
MINIMUM DAILY, 0.184 ON JUL 26
MAXIMUM INSTANTANEOUS,
30.2 AT 19.30 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 12 35 N
LONG 67 15 45 W
DRAINAGE AREA, 115 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	1 070
FEB	4 300	AUG	3 180
MAR	8 830	SEP	837
APR	18 400	OCT	2 190
MAY	21 700	NOV	8 770
JUN	8 170	DEC	2 830

TOTAL DISCHARGE, 80 400 dam³

EEL RIVER NEAR DUNDEE - STATION NO. 01BJ012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.258	0.187	0.150	0.718	8.19	0.845	0.201	0.144	0.088	0.084E	0.154E	0.2708
2	0.332	0.150	0.152	0.575	11.5	1.12	0.237	0.142	0.788	0.090E	0.231	0.2618
3	0.329	0.162	0.147	0.488	27.6	1.13	0.234	0.138	0.358	0.108E	0.271	0.2548
4	0.314	0.178	0.140	0.411	11.6	1.18	0.234	0.133	0.188	0.111E	0.381	0.2488
5	0.301	0.183	0.148	0.434	8.02	1.64	0.306	0.141	0.142	0.107E	0.221	0.2428
6	0.358	0.173	0.151	0.577	7.31	1.10	0.330	0.188	0.132	0.101E	0.278	0.2388
7	0.283	0.155	0.144	1.87 B	7.84	1.00	0.201	0.178	0.113	0.105E	0.270	0.2308
8	0.272	0.153	0.138	1.87 B	6.23	0.912	0.183	0.341	0.114	0.116E	0.227	0.2248
9	0.308	0.163	0.132	1.88 B	4.85	0.825	0.188	0.287	0.105	0.110E	0.484	0.2178
10	0.271	0.171	0.133	1.50 B	3.83	0.748	0.242	0.204	0.106	0.102E	0.598	0.2088
11	0.250	0.172	0.122	1.38 B	3.67	1.37	1.18	0.158	0.108	0.100E	0.568	0.2008
12	0.262	0.172	0.123	1.27 B	3.74	1.10	1.10	0.122	0.103	0.110E	0.525	0.1958
13	0.238	0.161	0.121	1.46 B	3.06	0.884	0.837	0.144	0.088A	0.140E	0.482	0.1848
14	0.261	0.168	0.120	1.68	2.48	0.782	0.437	0.185	0.088E	0.122E	0.424	0.1788
15	0.273	0.168	0.142	1.78	2.68	0.898	0.338	0.185	0.088E	0.084	0.488	0.1748
16	0.226	0.187	0.353	1.95	2.28	0.682	0.340	0.188	0.100E	0.285	0.561	0.1898
17	0.284	0.188	0.397	2.12	1.84	0.683	0.295	0.159	0.102E	0.378	0.588	0.1858
18	0.231	0.189	0.344	2.03	1.85	0.824	0.253	0.140	0.103E	0.208	0.513	0.1818
19	0.215	0.183	0.314	1.88	1.46	0.854	0.242	0.123	0.101E	0.128	0.478	0.1678
20	0.206	0.187	0.188	2.11	1.30	0.813	0.188	0.118	0.088	0.118	0.478	0.1638
21	0.203	0.181	0.183	2.28	1.19	0.588	0.187	0.124	0.100	0.255	0.408	0.1618
22	0.220	0.170	0.188	2.28	1.11	0.493	0.178	0.120	0.088E	0.221	0.378	0.1508
23	0.234	0.168	0.180	2.01	1.35	0.423	0.174	0.114	0.088E	0.180	0.3628	0.1488
24	0.218	0.178	0.164	1.72	1.15	0.388	0.188	0.108	0.087E	0.124	0.3478	0.1478
25	0.223	0.174	0.161	1.88	1.01	0.321	0.187	0.088	0.088E	0.110E	0.3368	0.1488
26	0.231	0.183	0.161	1.82	0.917	0.288	0.178	0.088	0.088E	0.103E	0.3168	0.1468
27	0.220	0.181	0.168	1.84	0.874	0.287	0.161	0.088	0.102E	0.100E	0.3078	0.1448
28	0.212	0.183	0.171	2.07	0.808	0.278	0.157	0.081	0.100E	0.100E	0.2888	0.1448
29	0.223		0.371	3.37	0.803	0.258	0.158	0.073	0.088E	0.088E	0.2858	0.1438
30	0.213		0.8808	5.85	0.742	0.222	0.155	0.078	0.088E	0.088E	0.2808	0.1428
31	0.182		0.841		0.692		0.158	0.108		0.088E		0.1428
TOTAL	7.819	4.787	8.850	52.058	131.784	21.587	8.171	4.440	4.131	4.182	11.478	5.730
MEAN	0.252	0.170	0.211	1.74	4.25	0.720	0.288	0.143	0.138	0.135	0.383	0.185
MAX	0.358	0.188	0.841	5.85	27.6	1.64	1.18	0.341	0.788	0.378	0.588	0.270
MIN	0.182	0.183	0.120	0.411	0.692	0.222	0.158	0.073	0.088	0.080	0.184	0.142

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.722
MAXIMUM DAILY, 27.6 ON MAY 3
MINIMUM DAILY, 0.073 ON AUG 28
MAXIMUM INSTANTANEOUS,
87.8 AT 04.38 AST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 59 19 N
LONG 68 39 30 W
DRAINAGE AREA, 43.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	878	JUL	782
FEB	412	AUG	384
MAR	588	SEP	357
APR	4 500	OCT	381
MAY	11 400	NOV	882
JUN	1 670	DEC	485

TOTAL DISCHARGE, 22 800 dam³

EEL RIVER NEAR SCOTT SIDING - STATION NO. 01AK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.208	1.38 B	1.44 B	15.88	20.8	8.72	2.04	2.04	2.52	3.48	4.30	10.2 B	1
2	2.100	1.30 B	1.32 B	14.78	24.1	8.23	2.15	1.95	4.58	3.28	5.55	8.708	2
3	2.008	1.24 B	1.22 B	13.88	27.2	7.42	1.98	1.88	4.61	3.21	6.15	8.208	3
4	1.948	1.17 B	1.13 B	12.88	43.6	7.04	1.88	1.41	4.42	3.17	7.95	8.708	4
5	1.888	1.08 B	1.06 B	15.08	40.1	8.81	1.80	2.88	3.98	2.82	7.18	8.408	5
6	1.838	1.03 B	1.22 B	38.98	35.1	8.87	1.78	9.82	3.53	2.52	7.04	7.808	6
7	1.788	0.8408	1.06 B	88.7	34.1	8.83	1.84	13.0	3.15	2.53	7.13	7.508	7
8	1.738	0.8808	0.8808	80.2	37.0	8.87	1.43	14.7	3.68	2.57	8.61	7.108	8
9	2.308	0.8808	0.8208	72.7	38.2	8.43	1.24	12.8	2.85	2.23	7.08	8.808	9
10	1.938	0.8208	0.8808	81.8	38.7	8.88	1.42	10.6	2.38	2.11	10.2	8.458	10
11	1.858	0.7808	0.8408	83.8	25.8	8.27	2.46	8.03	2.13	2.00	11.8	8.108	11
12	1.778	0.7808	0.8008	44.8	43.1	8.13	2.25	8.48	1.88	2.13	12.2	8.858	12
13	1.728	0.7208	0.7708	38.7	47.8	8.48	1.88	8.88	1.74	2.18	10.8	8.658	13
14	1.688	0.7408	0.7508	38.0	84.8	7.88	1.88	12.3	1.80	2.01	10.1	8.408	14
15	2.288	0.8008	1.80 B	34.0	80.8	8.78	2.38	18.1	1.81	1.81	10.2	8.208	15
15	1.898	1.04 B	3.20 B	33.0	88.8	8.74	2.13	18.4	1.87	1.80	11.2	5.008	18
17	1.808	0.8808	2.80 B	31.8	47.4	7.30	1.80	13.2	1.82	2.04	15.2	4.808	17
18	1.848	0.8408	2.74 B	32.2	40.0	7.20	1.78	10.7	2.08	2.01	15.4	4.808	18
19	1.588	0.7808	2.82 B	31.8	34.3	7.10	1.87	8.87	1.98	1.88	15.9	4.458	19
20	1.488	0.7408	2.48 B	30.4	29.7	8.38	1.84	7.88	2.77	1.84	13.1	4.308	20
21	1.388	1.00 B	2.38 B	28.2	28.8	5.88	1.32	8.78	4.18	3.01	12.4	4.158	21
22	1.308	1.50 B	2.28 B	27.1	23.8	5.08	1.18	8.14	4.37	4.14	9.008	4.008	22
23	1.248	2.08 B	2.18 B	28.2	20.8	4.88	1.00	8.87	4.80	4.38	11.8 B	3.858	23
24	1.208	1.88 B	2.08 B	23.1	17.8	4.01	0.911	8.37	4.82	4.28	10.8 B	3.738	24
25	1.188	1.80 B	1.88 B	21.8	15.8	3.81	0.848	4.78	3.92	4.08	10.3 B	3.698	25
26	1.128	1.80 B	2.10 B	21.8	14.0	3.27	0.788	4.08	3.88	3.78	9.808	3.488	26
27	1.108	1.71 B	2.40 B	21.8	14.0	3.08	0.758	3.83	4.70	3.81	8.108	3.388	27
28	1.088	1.88 B	3.40 B	21.4	12.8	2.80	1.32	3.31	4.47	3.33	10.0 B	3.248	28
29	1.178		5.80 B	21.2	11.8	2.73	2.84	3.10	4.34	3.11	11.3 B	3.128	29
30	1.248		8.00 B	20.8	10.2	2.31	2.70	2.81	3.88	2.87	10.7 B	3.008	30
31	1.438		18.0 B		8.58		2.47	2.84		2.73		2.808	31
TOTAL	50.78	32.390	78.780	890.2	873.58	178.85	53.238	231.25	88.73	87.08	300.55	171.72	TOTAL
MEAN	1.64	1.18	2.87	33.0	31.4	5.88	1.72	7.48	3.22	2.81	10.0	5.54	MEAN
MAX	2.28	2.08	18.0	80.2	80.8	8.13	2.84	18.4	4.81	4.38	18.4	10.2	MAX
MIN	1.08	0.720	0.780	12.8	8.55	2.31	0.788	1.41	1.80	1.80	4.30	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.89
MAXIMUM DAILY, 80.2 ON APR 8
MINIMUM DAILY, 0.7208 ON FEB 13
MAXIMUM INSTANTANEOUS,
81.8 AT 12:23 AST ON APR 8

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 56 12 N
LONG 67 32 49 W
DRAINAGE AREA, 531 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 380	JUL	4 600
FEB	3 800	AUG	20 000
MAR	8 680	SEP	8 280
APR	85 800	OCT	7 520
MAY	84 100	NOV	28 000
JUN	15 800	DEC	14 800

TOTAL DISCHARGE, 281 000 dam³

FISH RIVER NEAR FORT KENT - STATION NO. 01AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.8 B	9.408	8.748	12.78	193	74.5	26.5	11.4	8.81	8.50	9.51	27.58	1
2	15.1 B	9.638	8.838	18.18	111	72.2	25.8	11.1	15.7	8.41	9.85	26.88	2
3	14.7 B	9.488	8.518	19.08	138	84.0	24.8	11.2	16.2	8.88	9.84	26.38	3
4	14.7 B	9.348	8.548	21.58	150	88.7	23.8	11.2	17.0	8.38	10.4	25.88	4
5	14.8 B	9.128	8.958	24.18	152	84.0	22.5	11.2	17.8	8.10	10.8	25.28	5
6	14.3 B	9.088	8.748	28.48	158	80.8	21.5	11.8	18.1	7.89	11.0	24.88	6
7	13.8 B	9.088	8.808	28.58	168	87.5	20.1	12.0	17.8	7.85	11.0	23.88	7
8	13.8 B	9.088	8.438	48.3	188	83.8	18.8	12.3	17.2	7.70	11.2	22.88	8
9	13.8 B	9.008	8.318	58.8	183	80.7	18.1	12.5	16.7	7.48	12.0	21.88	9
10	13.8 B	8.788	8.238	84.8	183	81.3	18.4	12.8	16.3	7.22	15.8	21.28	10
11	13.8 B	8.728	8.148	71.4	188	82.8	20.8	12.8	15.3	7.05	18.8	20.48	11
12	13.8 B	8.508	8.008	78.8	173	83.4	18.8	12.8	14.2	8.88	17.8	19.88	12
13	13.3 B	8.448	8.808	81.0	181	83.7	18.8	13.8	13.7	8.82	18.1	19.08	13
14	12.8 B	8.278	8.788	85.8	187	82.8	18.8	13.2	13.4	8.84	19.3	18.78	14
15	12.8 B	8.218	8.728	88.2	193	80.8	17.8	18.3	13.1	8.48	21.1	18.18	15
16	12.2 B	7.988	8.888	81.7	192	81.2	17.2	15.2	12.8	8.87	23.8	17.88	16
17	11.8 B	7.848	8.128	84.0	187	80.8	16.3	15.2	12.8	8.88	28.2	17.38	17
18	11.8 B	7.708	8.318	101	181	88.3	15.8	14.7	12.2	8.87	31.7	16.78	18
19	11.3 B	7.588	8.518	107	173	86.4	15.2	14.3	11.8	8.85	33.4	16.18	19
20	11.2 B	7.368	8.858	113	158	84.1	14.3	13.8	11.8	8.81	35.1	15.88	20
21	10.9 B	7.458	8.858	118	148	81.3	13.7	13.8	11.8	7.80	35.1	15.88	21
22	10.8 B	7.708	7.028	118	138	48.1	13.1	13.1	11.5	8.82	34.3	15.38	22
23	10.5 B	7.858	7.188	116	131	45.3	12.4	12.7	12.3	8.88	33.4	14.78	23
24	10.2 B	7.508	7.268	114	122	42.5	11.8	11.8	11.4	8.88	32.8	14.48	24
25	10.1 B	7.368	7.388	108	113	39.8	11.8	10.7	11.0	8.75	31.7	14.28	25
26	9.918	7.188	7.488	105	105	38.8	11.3	9.84	10.7	8.58	31.4	13.88	26
27	9.858	7.088	7.598	102	97.7	34.5	11.2	9.51	9.74	8.58	30.3	13.58	27
28	9.588	6.948	7.938	98.4	90.3	32.8	12.4	9.12	9.88	8.96	29.7 B	13.38	28
29	9.578		8.808	88.0	84.4	30.8	12.3	8.85	9.40	8.85	28.4 B	13.08	29
30	9.408		8.348	88.1	78.7	28.1	12.0	8.88	8.78	8.88	28.2 B	12.78	30
31	9.238		11.1 B		73.3		11.7	8.81		8.88		12.58	31
TOTAL	377.74	231.34	213.83	2 313.8	4 414.4	1 811.5	539.3	378.12	388.01	245.22	874.40	578.0	TOTAL
MEAN	12.2	8.26	8.80	77.1	142	53.7	17.1	12.1	13.3	7.81	32.5	18.7	MEAN
MAX	15.8	9.83	11.1	118	193	74.5	26.5	15.3	18.1	8.88	35.1	27.5	MAX
MIN	9.23	6.84	6.73	12.7	73.3	28.1	11.2	8.81	8.78	8.48	9.51	12.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.8
MAXIMUM DAILY, 193 ON MAY 19
MINIMUM DAILY, 6.728 ON MAR 16
MAXIMUM INSTANTANEOUS,
194 AT 15:00 EST ON MAY 19

SUMMARY FOR THE YEAR 1969

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 14 14 N
LONG 68 34 56 W
DRAINAGE AREA, 2 280 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 600	JUL	48 700
FEB	20 000	AUG	32 500
MAR	18 500	SEP	34 500
APR	200 000	OCT	21 200
MAY	381 000	NOV	58 300
JUN	139 000	DEC	80 000

TOTAL DISCHARGE, 1 030 000 dam³

FOREST CITY STREAM BELOW FOREST CITY DAM - STATION NO. 01AR011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.22E	4.75	4.48	2.57	3.85	5.52	5.38	5.05	5.85	15.7	2.88A	2.80	1
2	3.23A	4.73	4.51	2.58	3.82	5.53	5.34	5.05	5.80	15.2	2.83A	2.82	2
3	3.23A	4.73	4.48	2.62	3.87	5.52	5.34	5.03	5.85	15.1	2.88	2.86	3
4	3.21A	4.71	4.48	2.88	3.86	5.53	5.30	5.03	5.78	14.7	2.87	2.87	4
5	3.20A	4.72	4.44	2.88	3.74	5.05	5.29	5.08	5.70	14.2	2.83	2.87	5
6	3.22A	4.73	4.43	2.78	3.80	5.53	5.27	5.17	12.4	13.5	2.85	2.88	6
7	3.22A	4.71	4.40	2.80	3.84	5.50	5.22	5.21	17.8	13.3	2.88	2.85	7
8	3.22E	4.73	4.40	2.84	3.88	5.50	5.28	5.26	22.0	12.8	2.89	2.86	8
9	3.22A	4.86	4.41	3.01	3.93	5.50	5.25	5.25	21.4	12.4	2.70	2.87	9
10	3.23	4.83	4.38	3.06	3.81	5.46	5.23	5.22	21.0	11.9	2.73	2.89	10
11	3.21	4.84	4.33	3.08	4.41	5.50	5.25	5.25	20.7	11.8	2.74	2.85	11
12	3.22	4.81	4.35	3.14	20.8	5.46	5.28	5.25	20.4	11.4	2.74	2.88	12
13	3.18	4.81	4.33	3.19	38.8	5.43	5.24	5.30	20.1	11.1	2.70	3.01	13
14	3.20	4.80	4.28	3.23	41.1	5.42	5.23	5.30	19.8	10.8 A	2.73	3.00	14
15	3.18	4.58	4.30	3.23	41.8	5.40	5.20	5.34	19.2	4.13A	2.74	3.00	15
16	3.21	4.56	4.28	3.25	41.5	5.43	5.18	5.34	18.9	2.58A	2.75	3.02	16
17	3.23	4.57	4.27	3.27	41.1	5.46	5.16	5.36	18.7	2.58A	2.86	2.88	17
18	3.18	4.56	4.33	3.31	34.7	5.46	5.18	5.38	18.4	2.58A	2.82	3.00	18
19	3.22	4.53	4.30	3.34	28.7	5.46	5.15	5.37	18.1	2.57A	2.82	2.88	19
20	3.85	4.52	4.32	3.37	18.0	5.49	5.18	5.38	17.8	2.58A	2.83	2.89	20
21	4.14	4.54	4.34	3.41	11.1	5.47	5.82	5.36	17.7	2.58E	2.88	3.00	21
22	4.16	4.58	4.29	3.38	8.31	5.44	5.40	5.35	18.1	2.81A	2.85	3.00	22
23	4.15	4.59	4.32	3.38	6.28	5.47	5.10	5.32	18.5	2.81A	2.85	2.89	23
24	4.14	4.51	4.30	3.41	5.30	5.47	5.05	5.34	18.5	2.80A	2.84	2.88	24
25	4.11	4.54	4.28	3.43	7.14	5.50	5.03	5.82	18.7	2.82A	2.84	3.00	25
26	4.17	4.51	4.21	3.44	7.07	5.44	4.99	5.18	17.4	2.81A	2.87	3.00	26
27	4.58	4.50	4.23	3.47	6.70	5.42	5.02	5.19	18.7	2.80A	2.87	2.88	27
28	4.86	4.49	4.26	3.43	6.66	5.39	5.05	5.11	13.5	2.81A	2.88	3.03	28
29	4.81		4.32	3.50	6.65	5.40	5.05	5.08	13.2	2.80E	2.86	3.03	29
30	4.78		4.35	3.53	6.57	5.38	5.04	5.82	13.5	2.80A	2.88	3.03	30
31	4.76		3.89		6.51		5.08	5.86		2.88A		3.02	31
TOTAL	113.54	128.13	134.04	94.57	427.86	168.51	162.29	164.04	504.89	228.40	83.04	92.54	TOTAL
MEAN	3.66	4.61	4.32	3.15	13.8	5.62	5.24	5.84	18.8	7.40	2.77	2.98	MEAN
MAX	4.86	4.75	4.51	3.53	41.8	5.53	5.40	5.86	22.0	15.7	2.88	3.03	MAX
MIN	3.18	4.49	3.89	2.57	3.85	5.38	4.99	5.03	5.70	2.86	2.83	2.80	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.37
MAXIMUM DAILY, 41.8 ON MAY 15
MINIMUM DAILY, 2.58A ON OCT 17
MAXIMUM INSTANTANEOUS,
41.7 AT 01:38 EST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 39 51 N
LONG 67 44 04 W
DRAINAGE AREA, 357 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 810	JUL	14 000
FEB	11 200	AUG	15 800
MAR	11 600	SEP	43 600
APR	8 170	OCT	19 600
MAY	38 600	NOV	7 170
JUN	14 600	DEC	8 000

TOTAL DISCHARGE, 201 000 dam³

FORTY MILE BROOK (WEST BRANCH) AT CARIBOU DEPOT - STATION NO. 01BK006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.008	0.004A	0.003	---	---	---	---	---	---	---	---	---	1
2	0.008	0.004	0.004	---	---	---	---	---	---	---	---	---	2
3	0.008	0.004	0.004	---	---	---	---	---	---	---	---	---	3
4	0.008	0.004	0.004	---	---	---	---	---	---	---	---	---	4
5	0.008	0.004	0.003	---	---	---	---	---	---	---	---	---	5
6	0.008	0.004	0.003	---	---	---	---	---	---	---	---	---	6
7	0.008	0.004	0.003	---	---	---	---	---	---	---	---	---	7
8	0.008	0.004	0.003A	---	---	---	---	---	---	---	---	---	8
9	0.008	0.004	0.003E	---	---	---	---	---	---	---	---	---	9
10	0.008	0.004	0.003E	---	---	---	---	---	---	---	---	---	10
11	0.008A	0.005	0.003E	---	---	---	---	---	---	---	---	---	11
12	0.008E	0.004	0.003E	---	---	---	---	---	---	---	---	---	12
13	0.008E	0.004	0.003E	---	---	---	---	---	---	---	---	---	13
14	0.008E	0.004	0.003E	---	---	---	---	---	---	---	---	---	14
15	0.008E	0.004	0.008E	---	---	---	---	---	---	---	---	---	15
16	0.008E	0.004	0.008E	---	---	---	---	---	---	---	---	---	16
17	0.008E	0.004	0.008E	---	---	---	---	---	---	---	---	---	17
18	0.008E	0.004	0.007E	---	---	---	---	---	---	---	---	---	18
19	0.008E	0.004	0.008E	---	---	---	---	---	---	---	---	---	19
20	0.008E	0.004	0.004E	---	---	---	---	---	---	---	---	---	20
21	0.008E	0.004	0.004E	---	---	---	---	---	---	---	---	---	21
22	0.008E	0.004	0.004E	---	---	---	---	---	---	---	---	---	22
23	0.008E	0.003	0.003E	---	---	---	---	---	---	---	---	---	23
24	0.008E	0.004	0.003E	---	---	---	---	---	---	---	---	---	24
25	0.008E	0.004	0.003E	---	---	---	---	---	---	---	---	---	25
26	0.004E	0.004	0.004E	---	---	---	---	---	---	---	---	---	26
27	0.004E	0.004	0.005E	---	---	---	---	---	---	---	---	---	27
28	0.004E	0.004	0.007E	---	---	---	---	---	---	---	---	---	28
29	0.004E		0.012E	---	---	---	---	---	---	---	---	---	29
30	0.004E		0.014E	---	---	---	---	---	---	---	---	---	30
31	0.004E		0.016E		---		---	---		---		---	31
TOTAL	0.159	0.112	0.182	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.005	0.004	0.005	---	---	---	---	---	---	---	---	---	MEAN
MAX	0.008	0.005	0.016	---	---	---	---	---	---	---	---	---	MAX
MIN	0.004	0.003	0.003	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 34 N
LONG 68 18 42 W
DRAINAGE AREA, 13.0 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13.7	JUL	---
FEB	9.68	AUG	---
MAR	14.0	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

FRENCH LAKE AT LAKEVILLE CORNER - STATION NO. 01AD010

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.043	0.998	1.088	1.482E	2.521	2.088	---	---	---	---	---	1.521	1
2	1.024	0.978	1.068	1.523E	2.613	2.036	---	---	---	---	---	1.488	2
3	0.980	0.957	1.008	1.612E	2.710	2.007	---	---	---	---	---	1.500	3
4	0.978	0.938	0.983	1.782A	2.882	2.000	---	---	---	---	---	1.478	4
5	0.983	0.933	0.943	2.018A	3.238	1.959	---	---	---	---	1.181	1.478	5
											1.148	1.440	
6	1.002	0.935	0.927	2.313	3.488	1.925	---	---	---	---	---	---	6
7	1.014	0.948	0.928	2.585	3.674	1.881	---	---	---	---	1.158	1.420	7
8	1.034	0.958	0.953	3.073	3.884	1.881	---	---	---	---	1.154	1.395	8
9	1.068	1.003	0.994	3.302	4.004	1.828	---	---	---	---	1.151	1.348	9
10	1.084	1.042	1.031	3.461	4.017	1.803	---	---	---	---	1.150	1.300	10
											1.277	1.288	
11	1.100	1.068	1.068	3.473	3.852	1.778	---	---	---	---	1.425	1.228	11
12	1.107	1.078	1.088	3.448	3.888	1.718	---	---	---	---	1.544	1.240	12
13	1.114	1.083	1.105	3.397	3.939	1.858	---	---	---	---	1.612	1.288	13
14	1.105	1.078	1.118	3.323	3.788	1.828	---	---	---	---	1.708	1.278	14
15	1.088	1.073	1.128	3.238	3.778	1.884	---	---	---	---	1.750	1.285	15
16	1.083	1.048	1.130	3.148	3.778	1.578	---	---	---	---	1.850	1.308	16
17	1.104	1.017	1.138	3.077	3.741	1.582	---	---	---	---	1.887	1.288	17
18	1.105	0.988	1.178	3.028	3.888	1.558	---	---	---	---	2.125	1.278	18
19	1.095	0.958	1.188	2.954	3.882	1.545	---	---	---	---	2.191	1.260	19
20	1.101	0.945	1.172	2.892	3.450	1.530	---	---	---	---	2.187	1.207	20
21	1.128	0.951	1.178	2.857	3.321	1.512	---	---	---	---	2.187	1.183	21
22	1.122	0.997	1.168	2.873	3.168	1.500	---	---	---	---	2.061	1.185	22
23	1.093	1.071	1.148	2.851	3.032	1.480	---	---	---	---	2.013	1.150	23
24	1.070	1.128	1.130	2.811	2.898	1.480	---	---	---	---	1.943	1.133	24
25	1.059	1.158	1.110	2.773	2.781	1.447	---	---	---	---	1.842	1.102	25
26	1.082	1.170	1.083	2.747	2.673	1.401	---	---	---	---	1.781	1.073	26
27	1.085	1.161	1.084	2.713	2.576	---	---	---	---	---	1.882	1.050	27
28	1.089	1.111	1.091	2.672	2.489	---	---	---	---	---	1.891	1.041	28
29	1.083		1.210	2.638	2.386	---	---	---	---	---	1.935	1.040	29
30	1.021		1.381	2.588	2.288	---	---	---	---	---	1.531	1.042	30
31	1.000		1.430A		2.187	---	---	---	---	---		1.050	31
MEAN	1.084	1.027	1.102	2.788	3.232	---	---	---	---	---	---	1.282	MEAN
MAX	1.128	1.170	1.430	3.473	4.017	---	---	---	---	---	---	1.521	MAX
MIN	0.978	0.933	0.928	1.482	2.187	---	---	---	---	---	---	1.040	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MAXIMUM DAILY, 4.017 ON MAY 10

MAXIMUM INSTANTANEOUS,
4.024 AT 09:58 AST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 54 30 N
LONG 65 15 31 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRAND FALLS FLOWAGE AT GRAND FALLS - STATION NO. 01AR013

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	81.175	81.350	81.421	---	81.848	81.868	81.850	81.704	81.589	81.771	81.398	81.820	1
2	81.185	81.367	81.438	---	81.825	81.825	81.881	81.720	81.728	81.755	81.490	81.783	2
3	81.201	81.388	81.425	---	81.820	81.798	81.882	81.740	81.710	81.784	81.538	81.787	3
4	81.228	81.430	81.388	---	81.862	81.788	81.867	81.798	81.689	81.792	81.628	81.812	4
5	81.224	81.430	81.414	---	81.873	81.787	81.878	81.853	81.673	81.781	81.669	81.814	5
6	81.232	81.428	81.428	---	81.884	81.814	81.883	81.921	81.683	81.754	81.707	81.810	6
7	81.180	81.418	81.428	---	81.828	81.837	81.884	81.893	81.649	81.740	81.736	81.818	7
8	81.207	81.438	81.424	---	81.884	81.843	81.824	81.869	81.632	81.728	81.748	81.810	8
9	81.302	81.448	81.425	---	81.878	81.847	81.811	81.892	81.614	81.711	81.770	81.784	9
10	81.353	81.418	81.431	---	81.882	81.854	81.798	81.880	81.627	81.690	81.817	81.774	10
11	81.382	81.413	81.437	---	81.828	81.824	81.777	81.918	81.625	81.674	81.884	81.775	11
12	81.427	81.427	81.442	81.872A	81.788	81.885	81.750	81.894	81.617	81.669	81.804	81.780	12
13	81.488	81.421	81.447	81.883	81.832	81.875	81.728	81.881	81.611	81.641	81.892	81.776	13
14	81.487	81.378	81.447	81.877	81.943	81.873	81.702	81.889	81.606	81.618	81.889	81.787	14
15	81.534	81.402	81.457	81.876	82.052	81.870	81.850	81.928	81.635	81.623	81.895	81.785	15
16	81.585	81.413	81.481	81.981	82.058	81.852	81.845	81.934	81.682	81.622	81.901	81.781	16
17	81.522	81.383	81.481	81.972	82.002	81.840	81.891	81.928	81.686	81.588	81.822	81.758	17
18	81.517	81.360	81.355	82.002	81.923	81.843	81.722	81.917	81.711	81.504	81.826	81.784	18
19	81.502	81.364	81.287	82.018	81.831	81.843	81.733	81.910	81.788	81.441	81.903	81.738	19
20	81.548	81.373	81.340	82.018	81.734	81.820	81.732	81.900	81.802	81.419	81.887	81.728	20
21	81.511	81.388	---	82.002	81.700	81.887	81.738	81.883	81.848	81.454	81.870	81.877	21
22	81.447	81.428	---	81.988	81.785	81.877	81.741	81.892	81.873	81.454	81.841	81.882	22
23	81.422	81.427	---	81.972	81.782	81.855	81.735	81.872	81.829	81.436	81.886	81.848	23
24	81.510	81.408	---	81.945	81.855	81.823	81.724	81.838	81.822	81.418	81.883	81.835	24
25	81.555	81.402	---	81.935	81.888	81.785	81.708	81.818	81.882	81.384	81.899	81.828	25
26	81.588	81.412	---	81.887	81.882	81.785	81.708	81.781	81.855	81.382	81.884	81.817	26
27	81.533	81.418	---	81.875	81.894	81.785	81.708	81.788	81.838	81.353	81.865	81.811	27
28	81.481	81.422	---	81.861	81.928	81.787	81.717	81.748	81.815	81.382	81.835	81.807	28
29	81.433		---	81.863	81.949	81.790	81.738	81.722	81.808	81.392	81.833	81.804	29
30	81.402		---	81.863	81.951	81.824	81.731	81.698	81.784	81.374	81.819	81.805	30
31	81.388		---		81.817		81.711	81.894		81.335		81.815	31
MEAN	81.403	81.408	---	---	81.882	81.887	81.781	81.854	81.731	81.589	81.802	81.727	MEAN
MAX	81.585	81.448	---	---	82.058	81.876	81.883	81.952	81.928	81.782	81.928	81.820	MAX
MIN	81.175	81.350	---	---	81.700	81.785	81.845	81.894	81.808	81.335	81.398	81.804	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MAXIMUM INSTANTANEOUS,
82.073 AT 00:50 EST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 16 30 N
LONG 67 29 46 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - PUBLISHED UNDER THE NAME "GRAND FALLS LAKE AT GRAND FALLS" TO 1985

NEW BRUNSWICK

GRAND LAKE AT FOREST CITY - STATION NO 01AR009

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	131.585	131.516	131.431	131.434	132.102	132.417	132.361	132.187	132.185	131.615	131.413	131.587	
2	131.580	131.510	131.425	131.437	132.130	132.414	132.344	132.169	132.207	131.588	131.417	131.587	
3	131.593	131.509	131.420	131.448	132.182	132.409	132.338	132.155	132.197	131.582	131.420	131.612	
4	131.591	131.511	131.418	131.467	132.227	132.406	132.327	132.151	132.184	131.557	131.442	131.631	
5	131.589	131.505	131.416	131.494	132.248	132.405	132.320	132.188	132.187	131.540	131.423	131.618	
6	131.584	131.501	131.417	131.554	132.270	132.403	132.315	132.233	132.150	131.515	131.428	131.615	
7	131.580A	131.500	131.415	131.628	132.311	132.397	132.311	132.248	132.131	131.502	131.439	131.626	
8	131.578A	131.494	131.412	131.689	132.341	132.397	132.307	132.272	132.107	131.485	131.438	131.628	
9	131.577A	131.485	131.405	131.737	132.372	132.400	132.293	132.275	132.077	131.464	131.446	131.625	
10	131.573	131.478	131.389	131.778	132.391	132.405	132.290	132.275	132.052	131.439	131.470	131.624	
11	131.567	131.472	131.382	131.810	132.421	132.425	132.324	132.274	132.041	131.423	131.473	131.618	
12	131.563	131.466	131.383	131.836	132.463	132.424	132.314	132.285	132.010	131.412	131.487	131.621	
13	131.563	131.461	131.381	131.859	132.476	132.421	132.298	132.312	131.981	131.400	131.482	131.621	
14	131.559	131.461	131.376	131.878	132.505	132.419	132.285	132.316	131.958	131.390	131.482	131.619	
15	131.565	131.453	131.367	131.891	132.520	132.412	132.278	132.319	131.932	131.384	131.484	131.620	
16	131.583	131.460	131.371	131.908	132.517	132.420	132.272	132.324	131.913	131.384	131.490	131.618	
17	131.556	131.458	131.388	131.928	132.502	132.422	132.260	132.334	131.896	131.388	131.520	131.622	
18	131.550	131.448	131.375	131.943	132.477	132.423	132.254	132.336	131.877	131.377	131.525	131.628	
19	131.554	131.441	131.376	131.958	132.463	132.424	132.250	132.333	131.845	131.368	131.540	131.630	
20	131.562	131.440	131.379	131.976	132.433	132.420	132.245	132.325	131.834	131.382	131.538	131.632	
21	131.552	131.442	131.384	131.994	132.424	132.410	132.238	132.323	131.821	131.385	131.582	131.630	
22	131.554	131.456	131.384	132.005	132.428	132.402	132.230	132.324	131.797	131.392	131.591	131.627	
23	131.546	131.464	131.379	132.018	132.426	132.403	132.218	132.317	131.775	131.385	131.577	131.623	
24	131.542	131.451	131.373	132.035	132.426	132.403	132.208	132.312	131.770	131.384	131.577	131.624	
25	131.545	131.450	131.371	132.045	132.430	132.397	132.200	132.300	131.727	131.383	131.578	131.622	
26	131.544	131.446	131.374	132.052	132.423	132.384	132.189	132.280	131.710	131.383	131.584	131.624	
27	131.542	131.443	131.374	132.060	132.432	132.376	132.183	132.258	131.704	131.386	131.586	131.626	
28	131.540	131.438	131.372	132.066	132.431	132.380	132.208	132.241	131.672	131.398	131.584	131.622	
29	131.535		131.388	132.071	132.433	132.380	132.220	132.226	131.656	131.394	131.589	131.620	
30	131.527		131.401	132.088	132.429	132.386	132.208	132.221	131.640	131.393	131.587	131.618	
31	131.521		131.417		132.422		132.198	132.204		131.392		131.620	
MEAN	131.581	131.470	131.392	131.836	132.389	132.405	132.267	132.268	131.934	131.535	131.507	131.621	ME
MAX	131.593	131.518	131.431	132.088	132.520	132.425	132.361	132.336	132.207	131.615	131.588	131.632	MA
MIN	131.521	131.438	131.367	131.434	132.102	132.386	132.183	132.151	131.640	131.382	131.413	131.587	MI

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN 131.843
MAXIMUM DAILY 132.520 ON MAY 18
MINIMUM DAILY 131.382 ON OCT 20
MAXIMUM INSTANTANEOUS
132.529 AT 01 30 EST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 38 54 N
LONG 67 44 10 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO INTERNATIONAL BOUNDARY COMMISSION DATUM

REMARKS - PUBLISHED UNDER THE NAME "EAST GRAND LAKE AT FOREST CITY" TO 1985

GRAND LAKE AT NEWCASTLE CREEK - STATION NO 01AD003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	D
1	0.871	0.805	0.982	1.463	2.426	2.016	1.254	0.939	1.082	0.854	1.090	1.442	
2	0.836	0.881	0.926	1.500	2.452	1.978	1.222	0.947	1.137	0.854	1.127	1.428	
3	0.900	0.845	0.884	1.590	2.677	1.982	1.176	0.958	1.160	0.865	1.103	1.381	
4	0.896	0.835	0.831	1.772	2.978	1.865	1.187	0.988	1.181	0.868	1.112	1.366	
5	0.912	0.833	0.784	2.018	3.246	1.918	1.151	1.067	1.145	0.868	1.094	1.367	
6	0.919	0.820	0.796	2.282	3.435	1.870	1.148	1.328	1.138	0.875	1.086	1.343	
7	0.931	0.842	0.789	2.648	3.631	1.839	1.128	1.563	1.120	0.886	1.077	1.314	
8	0.963	0.872	0.818	3.056	3.838	1.800	1.088	1.641	1.098	0.952	1.057	1.287A	
9	0.983	0.910	0.861	3.281	3.950	1.745	1.081	1.882	1.084	0.910	1.088	1.216A	
10	1.009	0.946	0.881	3.390	3.952	1.708	1.040	1.672	1.020	0.880	1.228	1.173A	1
11	1.024	0.975	0.905	3.425	3.862	1.722	1.031	1.500	0.986	0.846	1.408	1.167A	1
12	1.027	0.987	0.928	3.405	3.808	1.672	1.027	1.520	0.954	0.843	1.562	1.176	1
13	1.040	0.978	0.937	3.341	3.741	1.609	1.021	1.443	0.968	0.858	1.518	1.184	1
14	1.031	0.988	0.949	3.264	3.711	1.550	0.991	1.398	0.952	0.882	1.843	1.213	1
15	1.017	0.962	0.958	3.158	3.724	1.528	0.957	1.426	0.978	0.897	1.898	1.235	1
16	1.026	0.934	0.987	3.070	3.717	1.514	0.952	1.504	1.021	0.931	1.805	1.237	1
17	1.021	0.914	1.031	2.985	3.673	1.508	0.935	1.558	1.041	0.960	1.887	1.231	1
18	1.022	0.884	1.053	2.928	3.596	1.507	0.914	1.573	1.062	0.978	2.086	1.188	1
19	1.008	0.848	1.057	2.877	3.498	1.480	0.930	1.587	1.078	1.018	2.147	1.158	1
20	1.018	0.830	1.035	2.837	3.362	1.483	0.937	1.542	1.084	1.037	2.107	1.140	2
21	1.058	0.832	1.047	2.812	3.230	1.484	0.945	1.500	1.110	1.083	2.057	1.122	2
22	1.033	0.866	1.045	2.787	3.103	1.445	0.951	1.484	1.114	1.095	2.022	1.100	2
23	0.984	0.976	1.018	2.799	2.985	1.437	0.942	1.459	1.148	1.068	1.921	1.077	2
24	0.976	1.030	0.984	2.772	2.822	1.412	0.939	1.410	1.140	1.039	1.838	1.033	2
25	0.975	1.053	0.972	2.735	2.685	1.367	0.933	1.341	1.083	1.021	1.749	0.987	2
26	0.966	1.055	0.955	2.687	2.585	1.332	0.942	1.273	1.041	1.004	1.630	0.954	3
27	0.982	1.024	0.933	2.642	2.502	1.330	0.937	1.213	1.013	1.012	1.544	0.947	3
28	0.974	1.001	0.947	2.627	2.387	1.343	0.952	1.185	0.997	1.022	1.501	0.924	3
29	0.981		1.085	2.576	2.294	1.322	0.948	1.149	0.996	1.015	1.493	0.921	3
30	0.924		1.278	2.501	2.188	1.288	0.935	1.130	0.977	1.015	1.474	0.927	3
31	0.908		1.407		2.102		0.935	1.109		1.026		0.937	3
MEAN	0.981	0.922	0.970	2.708	3.187	1.604	1.018	1.360	1.064	0.973	1.645	1.188	ME
MAX	1.058	1.055	1.407	3.425	3.952	2.018	1.254	1.882	1.185	1.095	2.147	1.442	MA
MIN	0.895	0.820	0.784	1.463	2.102	1.288	0.914	0.939	0.882	0.843	1.057	0.921	MI

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN 1.458
MAXIMUM DAILY 3.952 ON MAY 10
MINIMUM DAILY 0.784 ON MAR 5
MAXIMUM INSTANTANEOUS
3.989 AT 17 05 AST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 03 37 N
LONG 66 00 13 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRANDE RIVIERE AT VIOLETTE BRIDGE - STATION NO. 01AF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30 B	0.880B	0.500B	5.70B	29.6	8.03	1.86	1.35	1.17	2.08	2.84	2.700	1
2	1.25 B	1.04 B	0.495B	4.20B	36.2	13.2	1.86	1.12	16.2	1.80	6.82	2.570	2
3	1.30 B	1.02 B	0.480B	3.40B	70.8	9.06	1.84	1.01	13.8	2.82	4.84	2.480	3
4	1.17 B	1.00 B	0.485B	2.80B	73.1	8.09	1.86	1.02	5.83	3.62	4.48	2.350	4
5	1.18 B	0.970B	0.480B	2.90B	43.8	11.6	3.17	1.28	3.32	3.01	3.09	2.250	5
6	1.11 B	0.940B	0.476B	5.00B	37.8	7.86	3.16	1.45	2.48	2.80	3.28	2.180	6
7	1.08 B	0.910B	0.470B	12.0 B	48.1	6.24	2.83	1.42	1.86	2.78	3.48	2.080	7
8	1.05 B	0.880B	0.467B	24.0 B	44.6	5.25	1.83	3.10	1.67	2.88	3.81	2.020	8
9	1.02 B	0.850B	0.464B	41.0 B	36.7	4.84	1.84	8.36	1.53	2.88	3.80	1.958	9
10	1.04 B	0.820B	0.462B	38.0 B	28.7	4.68	1.82	2.83	1.82	2.30	11.8	1.908	10
11	1.10 B	0.800B	0.460B	33.0 B	22.8	11.8	5.98	1.86	6.56	2.04	10.1	1.858	11
12	1.07 B	0.780B	0.460B	28.0 B	33.3	12.0	5.87	1.41	4.98	1.86	6.81	1.808	12
13	1.04 B	0.780B	0.460B	34.0 B	27.8	8.87	3.39	1.86	3.08	1.86	5.84	1.768	13
14	1.02 B	0.740B	0.460B	15.1	24.1	6.31	2.38	5.03	2.33	1.86	4.56	1.708	14
15	1.00 B	0.720B	0.584B	14.7	21.4	5.24	2.17	3.40	2.30	1.72	5.02	1.868	15
16	0.960B	0.710B	2.40 B	15.4	19.6	5.15	1.95	2.23	2.56	1.76	4.81	1.838	16
17	0.872B	0.868B	3.20 B	17.1	18.0	5.76	1.81	1.86	2.22	3.08	14.1	1.808	17
18	0.850B	0.850B	3.00 B	19.6	13.4	5.73	1.42	1.38	1.88	3.44	12.2	1.868	18
19	0.838B	0.848B	1.77 B	20.0	11.7	4.84	1.27	1.18	1.78	2.72	8.53	1.538	19
20	0.820B	0.830B	1.80 B	21.1	10.3	3.87	1.21	1.07	1.63	2.28	8.75	1.488	20
21	0.910B	0.815B	1.80 B	20.8	9.82	3.29	1.16	1.08	1.70	2.41	5.80B	1.488	21
22	0.888B	0.800B	1.40 B	18.2	9.29	2.86	1.06	1.17	1.87	3.78	5.00B	1.438	22
23	0.880B	0.885B	1.32 B	15.8	8.33	2.74	1.03	1.14	3.60	3.32	4.40B	1.408	23
24	0.878B	0.870B	1.26 B	14.1	8.38	2.60	0.976	1.05	3.93	2.74	4.05B	1.378	24
25	0.870B	0.858B	1.24 B	12.7	7.84	3.34	0.931	0.941	3.13	2.43	3.76B	1.348	25
26	0.885B	0.840B	1.40 B	11.9	8.89	2.22	0.826	0.857	2.36	2.17	3.50B	1.318	26
27	0.860B	0.828B	1.80 B	13.2	8.21	2.12	1.04	0.803	2.89	2.01	3.28B	1.288	27
28	0.860B	0.810B	2.20 B	13.1	8.08	1.85	1.41	0.784	2.61	1.90	3.10B	1.268	28
29	0.880B		3.20 B	18.3	8.59	1.81	3.11	0.789	2.29	1.84	2.95B	1.248	29
30	0.895B		4.60 B	22.3	8.82	1.84	1.93	0.770	2.21	1.78	2.82B	1.228	30
31	0.910B		6.00 B		8.08		1.44	1.02		1.70		1.208	31
TOTAL	31.057	31.028	42.932	505.20	728.33	173.93	61.853	50.954	105.43	75.84	168.38	53.84	TOTAL
MEAN	1.00	0.781	1.38	16.8	23.5	5.80	1.99	1.64	3.51	2.45	5.85	1.73	MEAN
MAX	1.30	1.04	6.00	41.0	72.1	13.2	5.98	5.36	16.2	3.79	14.1	2.70	MAX
MIN	0.880	0.810	0.480	2.80	4.82	1.84	0.938	0.769	1.17	1.70	2.84	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.83
MAXIMUM DAILY, 72.1 ON MAY 4
MINIMUM DAILY, 0.480B ON MAR 11
MAXIMUM INSTANTANEOUS,
80.0 AT 00:14 AST ON MAY 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 14 45 N
LONG 67 56 16 W
DRAINAGE AREA, 335 km²

B - ICE CONDITIONS

NATURAL FLOW

REMARKS - PUBLISHED UNDER THE NAME "GRAND RIVER AT VIOLETTE BRIDGE" TO 1985

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 880	JUL	5 330
FEB	1 830	AUG	4 400
MAR	3 710	SEP	8 110
APR	43 800	OCT	6 550
MAY	62 900	NOV	14 500
JUN	15 000	DEC	4 830

TOTAL DISCHARGE, 174 000 dam³

GREEN RIVER NEAR RIVIERE-VERTE - STATION NO. 01AF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.308	7.828	12.2 B	4.318	88.4	31.8	15.0	8.68	4.82	4.18	8.00	11.8	1
2	8.888	7.748	8.428	4.678	106	34.5	15.3	8.78	10.6	4.83	10.4	13.2	2
3	8.888	8.428	7.938	5.868	160	28.8	15.5	7.85	8.18	5.28	8.45	15.4	3
4	9.048	12.7 B	8.758	6.308	172	31.0	13.4	8.86	4.36	4.85	8.08	18.7	4
5	7.898	10.9 B	8.528	7.998	167	34.8	14.1	7.78	5.35	4.88	8.80	11.4 B	5
6	6.468	10.2 B	8.348	15.1 B	174	36.8	14.8	7.44	4.30	4.12	8.14	9.718	6
7	8.858	8.788	11.8 B	9.708	228	37.4	12.8	12.3	5.31	4.89	8.75	13.3 B	7
8	7.938	8.858	8.068	22.8 B	248	38.7	11.7	12.5	4.43	7.08	9.42	12.8 B	8
9	7.938	8.118	7.558	22.0 B	234	36.8	10.8	8.39	4.18	6.00	9.67	12.3 B	9
10	8.488	7.208	7.208	21.2 B	178	34.3	13.2	8.43	5.55	4.88	10.1	12.3 B	10
11	7.838	7.208	8.858	23.5 B	147	38.2	15.2	8.83	4.88	4.52	18.4	9.178	11
12	8.488	8.488	8.758	20.2 B	142	36.7	13.4	8.23	4.76	4.22	20.2	9.848	12
13	7.208	8.488	8.098	20.2 B	119	37.5	10.8	7.03	4.88	5.54	20.8	12.4 B	13
14	7.838	11.8 B	10.2 B	20.2 B	114	36.3	10.4	7.03	4.33	4.44	18.2	8.188	14
15	8.488	10.9 B	8.338	20.2 B	108	33.9	8.84	7.04	4.86	4.83	19.8	9.328	15
16	7.568	8.418	8.118	20.2 B	93.6	33.4	8.86	8.63	3.70	5.48	22.4	14.8 B	16
17	7.018	8.688	7.208	20.2 B	80.2	31.8	8.78	8.02	4.17	7.63	20.7	8.848	17
18	8.348	7.838	8.488	28.8 B	71.8	34.2	8.36	5.68	4.51	7.82	23.9	8.638	18
19	7.208	7.208	8.758	28.6 B	83.0	38.9	8.27	4.40	4.86	8.19	22.8	8.388	19
20	8.488	8.488	8.758	31.3 B	88.7	30.8	8.84	8.06	3.82	8.31	22.0	8.498	20
21	8.488	10.9 B	8.758	37.0 B	84.3	22.0	9.14	8.58	3.54	8.88	25.8	7.818	21
22	8.488	8.418	8.588	38.1	80.2	28.1	7.67	8.88	4.44	8.58	30.2	7.208	22
23	8.488	10.5 B	8.588	34.3	80.0	21.3	7.37	8.48	4.84	8.80	18.8	8.418	23
24	8.788	7.818	8.028	32.0	41.7	19.0	7.40	4.45	4.38	10.2	13.0	8.848	24
25	8.108	7.748	8.028	31.7	41.0	20.8	8.42	4.78	5.75	8.51	14.8	10.5 B	25
26	8.788	8.488	4.488	32.7	38.8	20.4	7.41	4.25	4.23	8.44	21.8	10.1 B	26
27	8.888	7.558	4.858	28.5	35.7	30.1	7.33	4.88	4.58	7.88	30.4	8.028	27
28	8.408	11.8 B	8.788	31.8	37.8	18.8	10.4	4.67	4.14	7.87	17.3	8.838	28
29	11.8 B		8.208	29.3	32.7	16.4	8.04	5.30	3.81	7.88	14.1	8.488	29
30	8.408		8.388	40.7	31.8	15.1	7.48	4.88	3.58	10.5	17.2	7.148	30
31	8.888		8.758		30.8		8.08	8.02		7.63		7.888	31
TOTAL	234.12	248.38	210.78	881.35	3 170.8	885.0	329.88	206.43	145.17	203.85	607.32	313.84	TOTAL
MEAN	7.55	8.78	6.80	23.0	102	29.5	10.6	6.66	4.84	6.58	19.2	10.1	MEAN
MAX	11.8	12.7	12.2	40.7	248	38.2	18.3	12.5	10.6	10.5	25.8	18.7	MAX
MIN	6.78	6.48	4.48	4.31	30.8	15.1	6.42	4.26	3.54	4.12	8.14	6.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.8
MAXIMUM DAILY, 248 ON MAY 8
MINIMUM DAILY, 3.54 ON SEP 21
MAXIMUM INSTANTANEOUS,
280 AT 03:19 AST ON MAY 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 20 06 N
LONG 68 08 06 W
DRAINAGE AREA, 1 160 km²

B - ICE CONDITIONS

REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 200	JUL	28 500
FEB	21 200	AUG	17 700
MAR	18 200	SEP	13 500
APR	89 700	OCT	17 600
MAY	274 000	NOV	42 000
JUN	78 800	DEC	27 100

TOTAL DISCHARGE, 815 000 dam³

HAYDEN BROOK NEAR NARROWS MOUNTAIN - STATION NO. 01AL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.062	0.043	0.040	0.179	0.793	0.109	0.022	0.017	0.061	0.039	0.224	0.132	1
2	0.061	0.043	0.039	0.159	1.61	0.111	0.028	0.015	0.379	0.036	0.170	0.120	2
3	0.061	0.039	0.038	0.145	2.05	0.088	0.028	0.015	0.085	0.173	0.132	0.118	3
4	0.059	0.039	0.037	0.179	1.20	0.085	0.025	0.020	0.048	0.108	0.186	0.125	4
5	0.059	0.039	0.036	0.284B	0.884	0.087	0.024	0.154	0.035	0.071	0.138	0.118	5
6	0.059	0.037	0.037	0.869B	1.29	0.084	0.022	0.205	0.032	0.080	0.130	0.109	6
7	0.062	0.036	0.035	3.33	1.22	0.077	0.023	0.058	0.030	0.087	0.154	0.101	7
8	0.056	0.035	0.035	1.04	0.824	0.076	0.023	0.081	0.030	0.084	0.137	0.088	8
9	0.076	0.035	0.035	0.848	0.586	0.083	0.021	0.053	0.029	0.048	0.286	0.089	9
10	0.066	0.035	0.034	0.448	0.463	0.077	0.068	0.030	0.027	0.046	0.488	0.085	10
11	0.053	0.036	0.034	0.373	0.720	0.144	0.068	0.024	0.027	0.045	0.289	0.083	11
12	0.054	0.036	0.034	0.342	0.740	0.085	0.036	0.070	0.027	0.045	0.222	0.079	12
13	0.054	0.036	0.034	0.328	0.680	0.088	0.026	0.189	0.026	0.043	0.183	0.073	13
14	0.051	0.035	0.034	0.344	0.620	0.089	0.026	0.201	0.026	0.042	0.188	0.070	14
15	0.052	0.035	0.060	0.316	0.610	0.083	0.027	0.079	0.032	0.042	0.243	0.067	15
16	0.059	0.035	0.071	0.300	0.408	0.078	0.023	0.045	0.031	0.059	0.528	0.083	16
17	0.053	0.035	0.048	0.301	0.366	0.081	0.024	0.040	0.056	0.118	0.700	0.083	17
18	0.051	0.035	0.044	0.317	0.312	0.077	0.022	0.031	0.044	0.078	0.389	0.082	18
19	0.049	0.035	0.040	0.288	0.283	0.066	0.021	0.027	0.032	0.063	0.285	0.057	19
20	0.047	0.034	0.038	0.315	0.260	0.045	0.021	0.025	0.087	0.056	0.268	0.055	20
21	0.046	0.037	0.037	0.325	0.233	0.039	0.015	0.024	0.083	0.259	0.268	0.055	21
22	0.046	0.131	0.036	0.319	0.221	0.033	0.016	0.025	0.064	0.185	0.267	0.051	22
23	0.046	0.085	0.035	0.270	0.201	0.031	0.017	0.026	0.060	0.122	0.283	0.048	23
24	0.047	0.053	0.036	0.240	0.188	0.029	0.016	0.026	0.077	0.104	0.282	0.047	24
25	0.047	0.047	0.036	0.228	0.190	0.029	0.015	0.022	0.067	0.096	0.261	0.047	25
26	0.044	0.045	0.038	0.232	0.186	0.027	0.015	0.021	0.079	0.085	0.212	0.048	26
27	0.043	0.042	0.043	0.266	0.181	0.025	0.015	0.020	0.101	0.083	0.187	0.044	27
28	0.044	0.041	0.100	0.262	0.164	0.026	0.031	0.020	0.088	0.083	0.168	0.041	28
29	0.043		0.521	0.462	0.143	0.030	0.032	0.020	0.048	0.085	0.166	0.039	29
30	0.043		0.593	0.610	0.135	0.025	0.021	0.019	0.045	0.079	0.142	0.039	30
31	0.043		0.279		0.112		0.018	0.018		0.074		0.038	31
TOTAL	1.624	1.231	2.643	13.727	17.662	1.937	0.815	1.631	1.764	2.545	7.578	2.267	TOTAL
MEAN	0.052	0.044	0.085	0.458	0.570	0.065	0.026	0.053	0.059	0.082	0.253	0.073	MEAN
MAX	0.076	0.131	0.593	3.33	2.05	0.144	0.068	0.205	0.379	0.259	0.700	0.132	MAX
MIN	0.043	0.034	0.034	0.145	0.112	0.025	0.015	0.015	0.026	0.036	0.130	0.038	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.149
MAXIMUM DAILY, 3.33 ON APR 7
MINIMUM DAILY, 0.015 ON JUL 25
MAXIMUM INSTANTANEOUS,
3.98 AT 20:24 AST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 56 N
LONG 67 02 13 W
DRAINAGE AREA, 5.48 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	140	JUL	70.4
FEB	106	AUG	141
MAR	228	SEP	152
APR	1 190	OCT	220
MAY	1 530	NOV	655
JUN	167	DEC	196

TOTAL DISCHARGE, 4 700 dam³

JACQUET RIVER NEAR DURHAM CENTRE - STATION NO. 01BJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.76B	1.62 B	0.940B	7.20B	85.0	8.28	2.14	2.03	2.18	1.49	1.86	2.20B	1
2	2.65B	1.40 B	0.920B	7.30B	72.8	11.6	2.28	1.87	4.23	1.48	1.78	2.21B	2
3	2.56B	1.38 B	0.920B	7.00B	187	10.6	2.35	1.71	6.31	1.48	1.80	2.15B	3
4	2.50B	1.35 B	0.910B	6.80B	118	8.79	2.20	1.65	3.81	1.48	1.84	2.01B	4
5	2.45B	1.32 B	0.900B	6.60B	83.6	8.45	2.13	1.75	3.08	1.50	1.87	2.08B	5
6	2.35B	1.30 B	0.900B	6.50B	71.2	7.73	2.02	2.39	2.66	1.61	1.78	2.00B	6
7	2.30B	1.29 B	0.890B	6.00B	71.1	6.81	1.88	2.74	2.47	1.61	1.80	1.95B	7
8	2.25B	1.27 B	0.880B	15.0 B	70.5	6.05	1.76	2.72	2.36	1.57	1.83	1.89B	8
9	2.15B	1.26 B	0.850B	17.0 B	61.7	5.43	1.70	3.02	2.21	1.55	1.95	1.86B	9
10	2.20B	1.26 B	0.860B	16.0 B	48.1	5.04	1.72	2.61	2.08	1.53	2.09	1.83B	10
11	2.15B	1.23 B	0.840B	14.8 B	41.5	7.27	6.80	2.25	1.97	1.49	3.59	1.79B	11
12	2.05B	1.22 B	0.840B	21.5 B	45.7	8.65	12.7	1.86	1.90	1.47	3.22	1.74B	12
13	2.00B	1.21 B	0.840B	26.0 B	39.6	7.30	7.61	2.10	1.83	1.43	2.70	1.69B	13
14	1.95B	1.20 B	0.820B	30.5 B	34.2	6.17	5.00	3.41	1.82	1.48	2.44	1.66B	14
15	1.90B	1.19 B	1.15 B	31.2	31.4	5.47	4.28	3.78	1.83	1.48	2.61	1.63B	15
16	1.85B	1.15 B	1.55 B	29.8	28.3	5.14	3.88	3.19	1.82	1.61	3.26	1.60B	16
17	1.83B	1.10 B	2.45 B	28.8	25.3	5.34	3.30	3.66	1.83	1.66	5.03	1.58B	17
18	1.80B	1.09 B	3.70 B	28.4	22.2	5.21	2.90	3.24	1.78	2.22	5.61	1.56B	18
19	1.78B	1.05 B	4.40 B	23.6	20.0	4.70	2.64	3.08	1.78	1.84	4.60	1.54B	19
20	1.76B	1.01 B	3.90 B	23.1	17.7	4.18	2.44	2.46	1.74	1.78	3.00	1.52B	20
21	1.72B	1.00 B	3.30 B	25.4	16.1	3.89	2.23	2.32	1.78	1.73	3.85B	1.50B	21
22	1.70B	1.03 B	2.80 B	26.1	15.1	3.55	2.08	2.23	1.71	1.61	3.42B	1.48B	22
23	1.68B	1.04 B	2.10 B	24.4	14.8	3.38	1.97	2.32	1.67	1.76	3.23B	1.46B	23
24	1.65B	1.03 B	1.35 B	22.4	13.7	3.12	1.83	2.33	1.77	1.74	3.03B	1.44B	24
25	1.62B	1.00 B	1.90 B	19.8	13.0	2.98	1.80	2.25	1.75	1.66	2.88B	1.42B	25
26	1.60B	0.980B	2.60 B	18.5	12.0	2.90	1.77	2.10	1.86	1.58	2.71B	1.40B	26
27	1.56B	0.960B	3.00 B	20.1	11.1	2.78	1.70	1.93	1.87	1.55	2.64B	1.39B	27
28	1.53B	0.950B	3.50 B	21.0	9.97	2.63	2.10	1.82	1.50	1.52	2.52B	1.38B	28
29	1.50B		4.80 B	26.7	8.86	2.85	3.01	1.72	1.42	1.48	2.45B	1.37B	29
30	1.48B		6.20 B	40.2	7.99	2.31	2.82	1.71	1.81	1.50	2.37B	1.36B	30
31	1.47B		6.80 B		7.63		2.41	2.18		1.46		1.35B	31
TOTAL	60.77	32.890	67.314	598.70	1 253.14	167.82	94.24	74.18	65.36	49.92	84.39	52.13	TOTAL
MEAN	1.96	1.17	2.17	20.0	40.4	5.59	3.04	2.39	2.18	1.61	2.81	1.68	MEAN
MAX	2.76	1.62	6.80	40.2	187	11.6	12.7	3.78	6.31	2.22	5.61	2.21	MAX
MIN	1.47	0.950	0.820	6.00	7.63	2.31	1.70	1.65	1.42	1.43	1.78	1.35	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.12
MAXIMUM DAILY, 187 ON MAY 3
MINIMUM DAILY, 0.820B ON MAR 14
MAXIMUM INSTANTANEOUS,
314 AT 08:14 AST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 53 52 N
LONG 66 01 47 W
DRAINAGE AREA, 510 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 250	JUL	8 140
FEB	2 840	AUG	6 410
MAR	5 820	SEP	5 650
APR	51 700	OCT	4 310
MAY	108 000	NOV	7 290
JUN	14 500	DEC	4 500

TOTAL DISCHARGE, 224 000 dam³

JEMSEG RIVER AT JEMSEG - STATION NO. 01AD004

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.917	0.933	0.947	1.668	2.387	2.010	1.283	0.982	1.110	0.988	1.086	1.442	1
2	0.945	0.900	0.910	1.933	2.447	1.883	1.227	0.988	1.188	0.983	1.135	1.426	2
3	0.928	0.872	0.888	1.838	2.560	1.887	1.181	0.978	1.206	0.988	1.135	1.424	3
4	0.928	0.888	0.810	1.838	3.028	1.851	1.158	1.001	1.180	0.992	1.138	1.408	4
5	0.947	0.886	0.788	2.088	3.778	1.813	1.151	1.086	1.157	1.007	1.108	1.388	5
6	0.963	0.882	0.818	2.318	3.682	1.878	1.148	1.344	1.140	0.881	1.084	1.336	6
7	0.978	0.878	0.822	2.708	3.637	1.840	1.138	1.588	1.132	0.978	1.082	1.308	7
8	0.995	0.908	0.884	3.108	3.683	1.814	1.114	1.639	1.107	0.948	1.103	1.285	8
9	1.018	0.942	0.887	3.310	3.888	1.778	1.088	1.853	1.081	0.817	1.127	1.208	9
10	1.038	0.988	0.921	3.408	3.937	1.744	1.031	1.818	1.017	0.887	1.287	1.174	10
11	1.048	0.988	0.880	3.437	3.836	1.735	1.088	1.638	1.008	0.877	1.438	1.182	11
12	1.040	0.978	0.988	3.382	3.780	1.888	1.063	1.445	1.002	0.883	1.588	1.211	12
13	1.048	0.958	0.972	3.318	3.743	1.808	1.037	1.378	1.011	0.808	1.842	1.231	13
14	1.028	0.888	0.988	3.230	3.731	1.874	1.014	1.377	1.018	0.930	1.873	1.288	14
15	1.024	0.923	0.988	3.122	3.733	1.648	0.983	1.483	1.087	0.845	1.718	1.278	15
16	1.030	0.913	1.026	3.047	3.718	1.628	0.848	1.542	1.088	0.878	1.788	1.270	16
17	1.038	0.886	1.064	2.983	3.888	1.617	0.838	1.587	1.115	1.028	1.888	1.268	17
18	1.031	0.848	1.090	2.930	3.671	1.608	0.821	1.804	1.128	1.087	2.105	1.214	18
19	1.023	0.833	1.080	2.884	3.483	1.483	0.837	1.588	1.132	1.088	2.147	1.188	19
20	1.038	0.817	1.058	2.833	3.333	1.488	0.880	1.633	1.130	1.081	2.120	1.172	20
21	1.087	0.832	1.074	2.808	3.178	1.478	0.887	1.508	1.134	1.083	2.128	1.148	21
22	1.027	0.810	1.088	2.803	3.081	1.488	0.874	1.448	1.128	1.105	2.008	1.131	22
23	0.880	1.000	1.000	2.883	2.788	1.501	0.888	1.457	1.142	1.077	1.911	1.102	23
24	0.887	1.047	1.015	2.744	2.788	1.452	0.889	1.414	1.131	1.041	1.813	1.051	24
25	1.002	1.058	0.988	2.731	2.857	1.400	0.844	1.345	1.085	1.047	1.709	1.012	25
26	0.987	1.038	0.978	2.870	2.841	1.348	0.848	1.275	1.048	1.052	1.808	0.988	26
27	1.002	1.008	0.984	2.881	2.888	1.348	0.832	1.210	1.048	1.054	1.532	0.888	27
28	0.883	0.883	0.978	2.800	2.370	1.343	0.850	1.188	1.007	1.054	1.500	0.877	28
29	0.874		1.143	2.540	2.288	1.334	0.880	1.142	1.018	1.048	1.487	0.884	29
30	0.848		1.330	2.445	2.188	1.302	0.852	1.130	0.889	1.042	1.484	1.004	30
31	0.838		1.437		2.088		0.881	1.127		1.048		1.008	31
MEAN	1.000	0.927	0.994	2.710	3.148	1.618	1.027	1.388	1.088	1.002	1.554	1.194	MEAN
MAX	1.087	1.058	1.437	3.437	3.888	2.010	1.283	1.853	1.206	1.105	2.147	1.442	MAX
MIN	0.928	0.817	0.788	1.668	2.088	1.302	0.921	0.882	0.889	0.877	1.084	0.877	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MEAN, 1.470
MAXIMUM DAILY, 3.988 ON MAY 9
MINIMUM DAILY, 0.788 ON MAR 5
MAXIMUM INSTANTANEOUS,
3.977 AT 19.00 AST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 49 45 N
LONG 66 06 58 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KENNEBECASIS RIVER AT APOHAQUI - STATION NO. 01AP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2 B	7.605	10.8 B	26.8	36.6	11.3	4.64	2.83	2.38	2.38	3.71	11.8 B	1
2	8.808	10.4 B	9.408	31.0	42.6	10.6	4.58	2.84	3.30	2.41	6.48	11.2 B	2
3	8.508	8.208	8.408	38.0	138	9.81	5.15	2.83	3.84	3.22	6.04	10.8 B	3
4	8.408	8.508	7.808	83.8	82.6	9.57	4.87	2.43	2.83	5.88	5.33	10.2 B	4
5	7.808	8.408	7.008	91.2	58.8	9.88	4.65	3.78	2.40	5.34	5.32	10.0 B	5
6	7.608	6.838	8.408	98.8	46.8	8.53	4.31	32.8	2.31	4.30	4.86	8.858	6
7	7.008	6.608	6.708	107	80.8	8.84	4.03	17.0	2.28	4.31	5.27	8.408	7
8	10.0 B	108	5.208	117	83.8	10.9	3.80	9.37	2.14	4.43	5.18	9.108	8
9	18.2 B	3.908	4.808	86.8	84.4	24.0	3.61	7.13	2.04	3.88	5.39	8.708	9
10	13.2 B	3.708	5.438	58.4	61.8	16.0	3.76	5.85	1.97	3.58	52.8	8.808	10
11	11.0 B	3.838	4.038	53.5	54.2	17.8	4.82	4.86	1.92	3.26	38.8	8.208	11
12	8.808	3.388	3.788	48.8	51.8	18.6	8.26	4.18	1.88	3.07	27.3	8.008	12
13	11.5 B	3.208	3.658	41.6	51.8	13.8	7.38	5.88	1.83	2.88	18.5	7.708	13
14	17.0 B	3.108	3.488	36.8	52.2	10.6	4.80	5.18	1.82	3.02	18.3	7.408	14
15	21.0 B	3.608	28.5 B	36.4	48.8	8.86	4.28	5.42	2.78	2.85	18.0	7.308	15
16	24.0 B	3.408	118	34.7	38.3	10.8	4.02	4.52	4.10	2.88	30.8	7.058	16
17	18.0 B	3.658	85.7	46.3	32.1	17.1	3.55	4.01	3.25	3.03	88.1	6.808	17
18	17.0 B	3.338	33.8	61.8	26.4	12.1	3.80	3.81	3.67	3.31	51.8	8.788	18
19	14.5 B	3.188	17.7	36.8	25.4	12.3	3.81	3.30	2.88	3.36	32.8	8.508	19
20	13.0 B	3.008	13.8 B	39.1	23.2	10.0	3.36	3.07	2.77	3.22	24.7	8.408	20
21	11.8 B	7.908	10.8 B	35.8	21.1	8.18	3.17	3.00	2.82	3.43	19.8 B	8.208	21
22	10.8 B	180 B	8.808	37.2	20.2	7.18	2.97	3.13	2.81	4.46	17.2 B	8.008	22
23	9.708	135	7.608	42.8	18.7	6.41	2.78	3.30	2.77	4.08	14.5 B	8.858	23
24	8.908	48.7	6.508	38.7	17.3	8.13	2.68	3.30	2.82	3.84	12.9 B	8.808	24
25	8.308	36.8	8.458	33.3	17.8	5.82	2.54	3.05	3.17	3.27	12.0 B	8.888	25
26	7.908	18.0 B	8.008	33.6	18.4	8.68	2.53	2.85	2.80	3.08	11.3 B	8.858	26
27	7.308	18.5 B	31.0 B	31.8	22.0	5.78	2.52	2.81	3.85	2.88	10.8 B	8.488	27
28	8.808	13.8 B	188	31.1	18.8	8.81	3.30	2.81	3.82	2.82	10.8 B	8.408	28
29	8.368		180	30.2	14.8	8.85	8.47	2.42	3.24	2.78	12.8 B	8.408	29
30	8.008		184	33.8	12.4	4.98	4.83	2.31	2.72	2.80	12.2 B	8.408	30
31	8.808		67.0		11.8		3.38	2.81		2.89		8.408	31
TOTAL	344.88	808.71	887.88	1 820.0	1 388.7	311.84	128.25	180.48	83.13	108.00	880.22	233.82	TOTAL
MEAN	11.1	18.2	28.8	80.7	40.7	10.4	4.14	5.18	2.77	3.48	18.7	7.84	MEAN
MAX	24.0	180	180	187	135	24.0	8.28	32.8	4.10	6.88	88.1	11.8	MAX
MIN	8.80	3.00	3.48	38.8	11.8	4.85	2.52	2.31	1.82	2.38	3.71	8.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1989

MEAN, 18.7
MAXIMUM DAILY, 180 On MAR 28
MINIMUM DAILY, 1.82 On SEP 14
MAXIMUM INSTANTANEOUS,
184 AT 12.07 AST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 42 07 N
LONG 65 36 05 W
DRAINAGE AREA, 1 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 800	JUL	11 100
FEB	44 000	AUG	13 800
MAR	75 000	SEP	7 180
APR	131 000	OCT	8 330
MAY	108 000	NOV	48 400
JUN	26 900	DEC	20 200

TOTAL DISCHARGE, 526 000 dam³

NEW BRUNSWICK

KINNEAR RIVER NEAR HAUTE-ABOUJAGANE - STATION NO. 01BT001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1308	0.0118	0.3108	1.20 B	0.711	0.095	0.016	0.035	0.033	0.088	0.070	0.2858	1
2	0.0888	0.0118	0.2708	1.10 B	0.801	0.078	0.017	0.030	0.036	0.046	0.188	0.2628	2
3	0.0858	0.0128	0.2408	1.20 B	3.22	0.080	0.033	0.033	0.036	0.110	0.178	0.2478	3
4	0.0408	0.0128	0.2208	1.50 B	1.88	0.048	0.032	0.032	0.033	0.270	0.373	0.2308	4
5	0.0268	0.0138	0.2058	3.00 B	1.08	0.037	0.024	0.032	0.028	0.183A	0.331	0.2208	5
6	0.0188	0.0138	0.1788	8.00 B	0.770	0.035	0.019	0.037	0.023	0.184A	0.246	0.2108	6
7	0.0158	0.0138	0.1608	9.80 B	1.24	0.035	0.064	0.042	0.024	0.128A	0.240	0.2228	7
8	0.0278	0.0138	0.1408	8.20 B	2.01	0.041	0.708	0.032	0.027	0.108	0.213	0.2108	8
9	0.0688	0.0128	0.1188	7.50 B	1.67	0.159	0.334	0.029	0.023	0.093	0.284	0.1908	9
10	0.0528	0.0128	0.1008	7.08	1.81	0.141	0.148	0.031	0.023	0.077	1.11	0.1708	10
11	0.0358	0.0128	0.0858	5.84	2.03	0.848	0.494A	0.026	0.026	0.089	1.04	0.1558	11
12	0.0258	0.0128	0.1028	5.37	1.34	1.12	1.81	0.030	0.026A	0.108A	0.943	0.1388	12
13	0.0198	0.0118	0.0888	4.80	0.820	0.733	1.28	0.046	0.028	0.156	0.829	0.1208	13
14	0.0188	0.0118	0.0858	3.85	0.800	0.380	0.588	0.073	0.023A	0.137	0.513A	0.1108	14
15	0.0178	0.0118	0.2808	3.32	0.818	0.228	0.385	0.041	0.045A	0.114	1.08 A	0.0978	15
16	0.0168	0.0118	0.6408	2.85	0.810	0.241	0.184	0.035	0.045	0.083	1.78	0.0908	16
17	0.0158	0.0128	0.5708	6.15	0.488	0.881	0.105	0.035	0.053	0.110A	1.40	0.0808	17
18	0.0148	0.0128	0.5258	7.01	0.380	0.418	0.057	0.027	0.110	0.084A	0.880	0.0708	18
19	0.0138	0.0128	0.4808	3.48	0.283	0.328	0.037	0.022	0.062	0.130	0.680B	0.0628	19
20	0.0128	0.0128	0.4358	2.90	0.203A	0.214	0.033	0.022	0.049	0.127	0.560B	0.0578	20
21	0.0128	0.1408	0.3958	1.61	0.182A	0.132	0.032	0.027	0.054	0.107	0.480B	0.0518	21
22	0.0118	0.6808	0.3658	1.02	0.164	0.088	0.034	0.030A	0.052	0.114	0.410B	0.0458	22
23	0.0118	0.4958	0.3438	0.861	0.125	0.048	0.037	0.030A	0.046	0.103	0.360B	0.0408	23
24	0.0118	0.5708	0.3308	0.915	0.084	0.037	0.032	0.036A	0.080	0.100	0.320B	0.0358	24
25	0.0118	0.5108	0.3608	1.12	0.085	0.029	0.027	0.041A	0.108	0.085	0.290B	0.0308	25
26	0.0108	0.4808	0.4408	0.978	0.088	0.031	0.029	0.032A	0.082	0.083	0.260B	0.0288	26
27	0.0108	0.4208	0.5408	0.888	0.112	0.026	0.031	0.031A	0.251A	0.085	0.240B	0.0238	27
28	0.0108	0.3708	0.8508	0.782	0.143	0.023	0.031A	0.030	0.188	0.080	0.230B	0.0208	28
29	0.0108		1.78 B	0.731	0.276	0.022	0.047A	0.029	0.137	0.084	0.270B	0.0188	29
30	0.0108		1.58 B	0.715	0.183	0.023	0.045	0.033	0.106	0.047	0.310B	0.0168	30
31	0.0108		1.37 B		0.121		0.038	0.033		0.055		0.0148	31
TOTAL	0.838	3.863	13.702	101.736	24.670	8.240	8.818	1.041	1.870	3.277	15.887	3.643	TOTAL
MEAN	0.027	0.138	0.442	3.39	0.783	0.208	0.223	0.034	0.062	0.106	0.530	0.114	MEAN
MAX	0.130	0.680	1.78	9.80	3.22	1.12	1.81	0.073	0.251	0.270	1.78	0.286	MAX
MIN	0.010	0.011	0.085	0.715	0.084	0.022	0.016	0.022	0.023	0.046	0.070	0.014	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.503
MAXIMUM DAILY, 9.80B ON APR 7
MINIMUM DAILY, 0.010B ON JAN 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 09 10 N
LONG 64 23 08 W
DRAINAGE AREA, 32.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	72.4	JUL	568
FEB	334	AUG	89.9
MAR	1 180	SEP	162
APR	8 780	OCT	283
MAY	2 120	NOV	1 370
JUN	839	DEC	308

TOTAL DISCHARGE, 15 800 dam³

KOUCHIBOUGUAC RIVER NEAR VAUTOUR - STATION NO. 01BR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8908	0.5058	0.6208	5.36	9.48	2.48	0.739	0.895	0.860	0.728	0.837	1.84 B	1
2	0.8608	0.4958	0.6008	4.46	10.4	2.71	0.886	0.731	1.84	0.888	1.18	1.48 B	2
3	0.9308	0.4848	0.5808	4.88	22.7	2.42	0.897	0.646	1.56	0.835	0.981	1.43 B	3
4	0.8958	0.4748	0.5608	8.58	17.4	2.22	0.843	0.615	1.31	1.11	1.03	1.37 B	4
5	0.8608	0.4648	0.5408	8.23	11.4	2.09	0.759	2.86	1.14	0.972	1.00	1.30 B	5
6	0.8408	0.4538	0.5258	15.8	9.02	1.80	0.718	9.78	1.00	0.894	0.908	1.27 B	6
7	0.8208	0.4448	0.5158	35.0	13.7	2.06	0.852	5.16	0.922	0.880	0.938	1.23 B	7
8	0.8208	0.4388	0.5058	24.4	15.3	1.89	0.829	4.77	0.831	0.889	0.910	1.18 B	8
9	0.8608	0.4268	0.4958	11.8	11.8	1.70	0.808	4.18	0.785	0.814	1.08	1.15 B	9
10	0.8308	0.4208	0.4858	11.0	9.34	1.84	0.803	2.87	0.784	0.713	3.27	1.12 B	10
11	0.8058	0.4128	0.4788	9.98	8.80	2.08	1.88	3.16	0.735	0.789	2.70	1.09 B	11
12	0.7858	0.4048	0.4688	9.44	8.70	2.42	3.08	1.88	0.889	0.706	2.25	1.07 B	12
13	0.7608	0.3988	0.4558	8.87	8.41	2.03	1.88	2.93	0.884	0.678	1.80	1.04 B	13
14	0.7408	0.3908	0.4488	8.15	7.86	1.72	1.85	4.44	0.877	0.687	1.58	1.01 B	14
15	0.7208	0.4008	0.7008	8.18	7.61	1.51	1.78	3.95	0.753	0.822	2.06	0.8908	15
16	0.8858	0.4408	3.10 B	8.85	8.55	1.54	1.43	2.82	0.808	0.880	3.28	0.8708	16
17	0.8688	0.5008	2.60 B	8.54	8.04	1.84	1.31	3.18	0.773	0.782	5.22	0.8508	17
18	0.8688	0.4608	2.30 B	7.70	6.80	1.76	1.10	3.71	0.853	0.745	4.89	0.8308	18
19	0.8558	0.4608	2.10 B	7.35	5.00	2.31	0.980	2.13	0.780	0.784	3.81	0.8158	19
20	0.8408	0.4408	1.90 B	8.74	4.54	1.84	0.883	1.80	0.800	0.711	2.84	0.8008	20
21	0.8758	0.4878	1.75 B	8.82	4.26	1.57	0.798	1.61	0.827	0.697	2.40	0.8858	21
22	0.8458	0.8208	1.65 B	8.02	4.00	1.33	0.714	1.59	0.811	0.852	2.19 B	0.8708	22
23	0.8258	0.8408	1.53 B	7.06	3.77	1.18	0.851	1.58	0.811	0.702	2.01 B	0.8558	23
24	0.8008	0.8308	1.45 B	6.76	3.48	1.13	0.809	1.48	0.740	0.881	1.80 B	0.8408	24
25	0.8858	0.7908	1.38 B	8.42	3.50	1.10	0.574	1.30	0.707	0.838	1.80 B	0.8268	25
26	0.8708	0.7308	1.28 B	9.44	3.25	1.05	0.526	1.18	0.718	0.804	1.70 B	0.8108	26
27	0.8568	0.8908	1.43 B	9.85	3.89	1.01	0.488	1.10	0.824	0.585	1.68 B	0.7958	27
28	0.8468	0.8608	3.18	9.06	3.56	0.953	0.892	1.01	0.877	0.818	1.72 B	0.7808	28
29	0.8358		12.8	9.05	3.30	0.903	1.85	0.988	0.811	0.588	1.68 B	0.7858	29
30	0.8258		11.8	8.41	3.83	0.818	1.20	0.908	0.748	0.588	1.81 B	0.7508	30
31	0.8198		7.85		2.82		0.884	0.859		0.535		0.7368	31
TOTAL	22.338	14.592	88.315	300.35	238.81	51.122	32.455	74.901	26.810	22.882	61.444	31.885	TOTA
MEAN	0.721	0.520	2.14	10.0	7.73	1.70	1.05	2.42	0.887	0.738	2.05	1.03	MEAN
MAX	0.890	0.840	12.8	35.0	22.7	3.71	3.08	9.78	1.84	1.11	5.22	1.54	MAX
MIN	0.515	0.390	0.445	4.46	2.82	0.818	0.488	0.615	0.677	0.535	0.837	0.735	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.59
MAXIMUM DAILY, 35.0 ON APR 7
MINIMUM DAILY, 0.390B ON FEB 16
MAXIMUM INSTANTANEOUS,
44.1 AT 20.13 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 36 N
LONG 65 12 17 W
DRAINAGE AREA, 177 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 930	JUL	2 800
FEB	1 280	AUG	8 470
MAR	5 730	SEP	2 300
APR	26 000	OCT	1 850
MAY	20 700	NOV	5 310
JUN	4 420	DEC	2 750

TOTAL DISCHARGE, 81 800 dam³

LAKE UTOPIA AT CANAL - STATION NO. 01AG008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	17.880	17.087	16.802	16.533	16.894	17.388	17.858	1
2	---	---	---	---	---	17.844	17.085	16.592	16.542	16.881	17.478	17.813	2
3	---	---	---	---	---	17.781	17.044	16.570	16.563	16.780	17.801	17.692	3
4	---	---	---	---	---	17.727	17.018	16.547	16.585	16.904	17.678	17.462	4
5	---	---	---	---	---	17.688	16.995	16.598	16.600	16.997	17.726	17.383	5
6	---	---	---	---	---	17.605	16.978	16.680	16.802	17.073	17.743	---	6
7	---	---	---	---	---	17.577	16.952	17.248	16.938	17.058	17.748	---	7
8	---	---	---	---	---	17.567	16.928	17.497	16.862	17.018	17.733	---	8
9	---	---	---	---	---	17.510	16.888	17.577	17.018	16.970	17.723	---	9
10	---	---	---	---	---	17.467	16.856	17.788	17.048	16.918	17.823	---	10
11	---	---	---	---	---	17.776	16.858	17.810	17.073	16.873	17.878	---	11
12	---	---	---	---	---	17.857	16.870	17.788	17.080	16.831	18.047	---	12
13	---	---	---	---	---	17.856	16.887	17.787	17.107	16.787	18.026	---	13
14	---	---	---	---	---	17.868	16.882	17.803	17.088	16.760	17.977	---	14
15	---	---	---	---	---	17.838	16.888	17.832	17.120	16.702	17.938	---	15
16	---	---	---	---	18.884	17.788	16.870	17.823	17.088	16.683	17.818	---	16
17	---	---	---	---	18.578	17.781	16.857	17.774	17.080	16.700	18.013	---	17
18	---	---	---	---	18.477	17.780	16.847	17.704	17.028	16.707	18.147	---	18
19	---	---	---	---	18.380	17.780	16.818	17.811	16.987	16.711	18.191	---	19
20	---	---	---	---	18.269	17.784	16.791	17.808	16.948	16.704	18.184	---	20
21	---	---	---	---	18.183	17.764	16.780	17.807	16.924	16.778	18.088	---	21
22	---	---	---	---	18.113	17.694	16.711	17.312	16.883	16.984	17.979	---	22
23	---	---	---	---	18.081	17.823	16.688	17.228	16.859	17.184	17.873	---	23
24	---	---	---	---	17.988	17.822	16.868	17.183	16.836	17.267	17.818	---	24
25	---	---	---	---	17.977	17.828	16.852	17.184	16.823	17.320	17.741	---	25
26	---	---	---	---	17.858	17.342	16.840	17.115	16.806	17.333	17.708	---	26
27	---	---	---	---	17.887	17.288	16.817	17.089	16.798	17.332	17.867	---	27
28	---	---	---	---	18.014	17.206	16.808	17.013	16.784	17.326	17.882	---	28
29	---	---	---	---	18.018	17.172	16.808	16.940	16.788	17.309	17.881	---	29
30	---	---	---	---	17.978	17.131	16.808	16.886	16.742	17.281	17.873	---	30
31	---		---		17.938		16.808	16.844		17.241		---	31
MEAN	---	---	---	---	---	17.639	16.922	17.277	16.935	16.983	17.818	---	MEAN
MAX	---	---	---	---	---	17.896	17.087	17.832	17.120	17.333	18.191	---	MAX
MIN	---	---	---	---	---	17.131	16.808	16.547	16.742	16.683	17.288	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 37 N
LONG 66 49 40 W

MINIMUM DAILY, 16.547 ON AUG 4

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LEPREAU RIVER AT LEPREAU - STATION NO. 01AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.628	2.708	3.908	9.808	8.71	5.53	1.44	1.13	1.14	2.00	8.16	5.258	1
2	2.408	2.608	3.458	8.308	8.82	4.94	1.40	0.990	1.88	1.80	17.8	5.708	2
3	2.188	2.508	3.158	9.008	31.1	4.50	1.36	0.878	3.82	4.98	12.8	5.208	3
4	2.038	2.258	2.858	12.0 B	20.8	4.02	1.26	0.888	2.88	7.33	10.8	4.808	4
5	1.888	2.088	2.808	10.0 B	16.2	3.86	1.28	1.23	2.11	8.01	8.40	4.408	5
6	1.758	1.808	3.308	26.0 B	12.8	3.70	1.30	8.42	1.80	3.86	7.84	4.008	6
7	1.808	1.738	3.708	36.0 B	55.1	4.63	1.16	9.17	1.81	3.38	6.73	4.408	7
8	2.208	1.658	3.208	35.2	38.7	5.58	1.07	7.28	1.82	3.00	6.02	4.608	8
9	3.628	1.488	2.908	23.8	27.3	10.8	0.883	6.06	1.43	2.88	11.1	4.808	9
10	2.108	1.478	2.858	19.8	20.5	9.06	1.13	5.08	1.28	2.33	31.1	4.358	10
11	1.628	1.388	2.408	17.3	18.5	11.0	2.81	4.23	1.17	2.20	22.4	4.108	11
12	1.688	1.298	2.158	16.4	22.2	9.71	2.53	3.87	1.15	2.12	17.3	3.858	12
13	1.488	1.248	1.958	12.7	19.8	7.22	1.77	4.74	1.04	2.07	14.0	3.808	13
14	1.328	1.688	1.728	11.7	27.8	6.71	1.43	5.75	1.04	1.98	12.2	3.408	14
15	2.208	1.808	1.858	10.2	25.0	4.88	1.82	8.13	1.83	1.78	12.5	3.208	15
15	3.608	2.008	3.108	10.1	18.4	4.81	1.80	5.10	3.47	1.68	16.4	3.008	16
17	2.808	1.688	7.268	11.8	15.7	5.78	1.28	4.34	3.00	1.80	18.8	2.858	17
18	2.408	1.608	7.008	11.3	13.0	5.48	1.18	3.80	2.83	1.83	18.8	2.708	18
19	2.108	1.388	8.088	9.58	10.8	4.76	1.11	3.25	2.63	1.84	14.8	2.558	19
20	1.988	1.308	5.808	9.49	9.08	4.37	1.08	2.89	2.38	1.73	12.3	2.428	20
21	2.608	2.008	5.108	9.00	8.00	3.75	0.994	2.75	3.89	5.98	11.6	3.288	21
22	3.208	3.308	4.808	11.1	7.41	3.30	0.824	2.83	3.37	14.8	8.75	2.148	22
23	2.908	9.008	4.108	12.7	6.71	2.88	0.832	2.37	2.80	9.91	10.0 B	2.048	23
24	2.508	7.808	3.808	8.85	6.20	2.67	0.781	2.26	2.62	7.57	8.408	1.958	24
25	2.208	7.008	4.008	8.78	5.88	2.51	0.718	2.07	2.46	6.13	7.84	1.888	25
26	2.008	8.008	7.008	7.81	5.58	2.32	0.710	1.84	2.32	5.30	7.02	1.808	26
27	2.988	5.308	9.408	7.41	11.4	2.11	0.678	1.48	2.84	4.44	6.31	1.728	27
28	2.558	4.828	12.0 B	7.25	10.9	1.86	0.678	1.36	2.78	4.44	6.57	1.888	28
29	2.208		20.0 B	8.88	7.80	1.77	1.40	1.28	2.61	4.12	7.708	1.808	29
30	3.108		16.0 B	8.72	8.25	1.83	1.88	1.25	2.23	3.88	7.008	1.888	30
31	2.308		11.6 B		8.04		1.47	1.17		3.40		1.808	31
TOTAL	70.14	80.68	187.08	408.08	502.28	164.87	39.584	105.712	87.28	125.48	367.78	100.31	TOTAL
MEAN	2.26	2.88	6.39	13.5	16.2	4.83	1.28	3.41	2.24	4.05	12.3	3.23	MEAN
MAX	3.60	9.00	20.0	36.0	55.1	11.0	2.53	9.17	3.89	14.8	31.1	8.26	MAX
MIN	1.32	1.24	1.73	8.72	8.88	1.83	0.878	0.888	1.04	1.88	6.31	1.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.88
MAXIMUM DAILY, 55.1 ON MAY 7
MINIMUM DAILY, 0.878 ON JUL 27
MAXIMUM INSTANTANEOUS,
58.5 AT 09:50 AST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 12 N
LONG 66 26 00 W
DRAINAGE AREA, 238 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 060	JUL	3 420
FEB	6 980	AUG	9 130
MAR	16 400	SEP	5 810
APR	35 100	OCT	10 800
MAY	43 400	NOV	31 800
JUN	12 500	DEC	8 660

TOTAL DISCHARGE, 188 000 dam³

LIMESTONE STREAM AT FOUR FALLS - STATION NO. 01AS002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.22 B	0.6108	0.6108	6.508	7.00	3.15	0.831	0.662	1.09	1.33	1.65	2.48 B	1
2	1.17 B	0.5808	0.5808	4.068	8.19	3.40	0.914	0.678	3.42	1.28	1.81	2.32 B	2
3	1.12 B	0.5708	0.5808	3.828	10.2	3.05	0.897	0.821	2.80	1.87	1.92	2.20 B	3
4	1.05 B	0.5808	0.5408	5.048	14.8	2.82	0.817	0.817	2.33	1.88	2.32	2.10 B	4
5	1.02 B	0.5308	0.5208	8.338	12.3	2.62	0.827	0.726	2.18	1.98	2.18	2.00 B	5
6	0.9808	0.5108	0.5108	21.7	11.0	2.53	0.718	0.889	1.81	1.85	2.06	1.92 B	6
7	0.9308	0.5008	0.4868	33.8	10.5	2.45	0.707	0.809	1.71	1.63	2.08	1.84 B	7
8	0.9408	0.4808	0.4858	22.0	10.2	2.21	0.807	1.22	1.62	1.63	1.85	1.78 B	8
9	0.9608	0.4808	0.4708	15.4	9.83	1.98	0.673	1.20	1.38	1.61	2.04	1.68 B	9
10	0.9008	0.4708	0.4808	13.4	9.27	1.98	0.976	1.00	1.33	1.33	2.16	1.63 B	10
11	0.8808	0.4628	0.4808	12.3	8.01	3.02	0.935	0.848	1.85	1.27	3.14	1.57 B	11
12	0.8008	0.4568	0.4408	10.7	9.85	2.86	0.775	0.823	1.86	1.18	3.02	1.50 B	12
13	0.8308	0.4478	0.4248	10.0	9.86	2.52	0.705	1.88	1.62	1.18	2.88	1.43 B	13
14	0.7808	0.4448	0.4188	10.1	10.7	2.28	0.894	17.2	1.28	1.22	2.83	1.37 B	14
15	0.7808	0.5008	0.4118	9.83	10.9	2.10	0.883	4.87	1.38	1.29	2.77	1.32 B	15
16	0.7288	0.4808	1.62 B	9.36	9.48	2.09	0.872	8.08	1.37	1.23	3.85	1.28 B	16
17	0.7108	0.4608	2.36 B	9.22	8.25	2.12	0.880	4.84	1.38	1.78	5.04	1.26 B	17
18	0.7008	0.4708	2.18 B	10.0	7.44	2.06	0.862	3.88	1.33	1.85	4.73	1.23 B	18
19	0.6868	0.4808	1.95 B	10.0	6.60	1.90	0.830	3.13	1.17	1.45	4.38	1.19 B	19
20	0.6708	0.4808	1.70 B	9.91	5.83	1.71	0.878	2.73	1.32	1.46	3.86	1.17 B	20
21	0.6608	0.5408	1.50 B	8.80	5.41	1.59	0.851	2.88	1.18	1.83	3.83	1.14 B	21
22	0.6508	0.7008	1.32 B	8.18	5.22	1.41	0.834	2.48	1.13	2.03	3.408	1.11 B	22
23	0.6358	0.6808	1.23 B	7.36	4.88	1.28	0.827	2.38	1.18	1.94	3.208	1.08 B	23
24	0.6258	0.6008	1.18 B	6.88	4.31	1.24	0.817	2.13	1.27	1.85	3.048	1.06 B	24
25	0.6088	0.7808	1.21 B	6.26	3.92	1.13	0.820	2.01	1.18	1.77	2.908	1.04 B	25
26	0.5988	0.7008	1.30 B	6.18	3.81	1.04	0.827	1.82	1.14	1.71	2.758	1.02 B	26
27	0.5858	0.6708	1.52 B	5.26	3.67	0.938	0.830	1.32	1.84	1.59	2.838	1.00 B	27
28	0.5708	0.6408	2.50 B	5.03	3.27	0.831	0.885	1.30	1.83	1.51	2.928	0.9808	28
29	0.5608		3.00 B	6.34	2.95	0.874	1.11	1.10	1.48	1.41	3.808	0.9608	29
30	0.5808		7.20 B	8.56	2.63	0.848	0.781	1.13	1.48	1.37	3.658	0.9708	30
31	0.6208		5.80 B		2.45		0.891	1.17		1.29		0.9508	31
TOTAL	24.512	15.616	50.884	303.13	238.70	80.490	21.714	77.881	46.91	46.65	87.19	44.690	TOTAL
MEAN	0.791	0.556	1.63	10.1	7.73	2.02	0.700	2.80	1.55	1.50	2.81	1.44	MEAN
MAX	1.22	0.880	8.00	33.8	10.2	3.40	1.11	17.2	3.42	2.03	5.04	2.48	MAX
MIN	0.580	0.444	0.411	3.82	2.45	0.848	0.817	0.678	1.09	1.18	1.65	0.950	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.79
MAXIMUM DAILY, 33.8 ON APR 7
MINIMUM DAILY, 0.4118 ON MAR 15
MAXIMUM INSTANTANEOUS,
38.7 AT 12:37 AST ON APR 7

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 49 42 N
LONG 67 44 35 W
DRAINAGE AREA, 199 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 120	JUL	1 880
FEB	1 350	AUG	6 700
MAR	4 350	SEP	4 030
APR	26 200	OCT	4 030
MAY	20 700	NOV	7 530
JUN	6 220	DEC	3 850

TOTAL DISCHARGE, 86 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "LIMESTONE RIVER AT FOUR FALLS" TO 1965

LITTLE SOUTHWEST MIRAMICHI RIVER AT LYTTLETON - STATION NO. 01SP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8 B	7.338	6.408	38.58	66.3	31.1	19.2	13.6	19.1	10.8	13.2	14.7 B	1
2	12.4 B	7.208	6.008	33.08	115	46.8	18.8	10.6	36.7	10.1	20.6	13.6 B	2
3	12.2 B	7.068	7.708	26.68	233	61.9	13.8	8.23	37.7	9.82	17.8	13.1 B	3
4	11.8 B	6.968	7.408	24.08	229	36.0	13.7	8.83	30.0	10.7	16.9	12.4 B	4
5	11.7 B	6.948	7.108	42.08	192	32.8	11.3	14.9	26.4	11.1	17.2	11.8 B	5
6	11.6 B	6.728	6.918	72.08	168	28.5	10.4	88.7	21.8	11.0	13.8	11.2 B	6
7	11.3 B	6.608	6.738	130 B	233	27.2	9.89	70.7	19.3	11.1	18.4	10.7 B	7
8	11.1 B	6.468	6.568	180 B	225	26.0	9.69	51.2	17.8	11.0	18.1	10.3 B	8
9	10.9 B	6.368	6.408	126 B	181	23.8	7.89	45.4	16.9	11.5	19.3	9.808	9
10	10.7 B	6.248	6.268	108 B	163	22.1	7.79	34.3	17.3	10.9	57.3	9.508	10
11	10.5 B	6.128	6.118	84.08	138	29.1	24.8	27.8	16.0	10.3	48.9	9.208	11
12	10.3 B	6.008	5.988	70.08	180	33.4	26.9	24.0	15.0	9.89	36.8	8.888	12
13	10.1 B	5.888	5.858	63.08	145	28.3	21.1	33.9	14.6	9.62	31.9	8.708	13
14	9.908	5.788	5.788	55.08	132	25.5	16.4	175	14.2	9.27	28.8	8.458	14
15	10.1 B	8.208	8.608	50.08	117	24.7	15.9	170	13.7	9.22	27.0	8.208	15
16	9.908	8.108	8.308	48.08	105	23.7	14.8	122	13.8	8.83	31.0	8.008	16
17	9.708	8.008	11.0 B	46.08	83.2	24.3	12.8	87.6	14.1	10.4	56.0	7.858	17
18	9.608	5.908	13.2 B	44.08	64.0	24.3	11.0	68.0	14.4	12.0	63.8	7.708	18
19	9.308	5.808	12.8 B	42.08	76.8	23.0	10.4	52.4	14.3	10.6	60.7	7.568	19
20	9.108	5.708	12.4 B	46.08	86.9	20.7	11.0	43.7	13.8	9.91	42.4	7.408	20
21	8.958	5.908	12.3 B	48.1	63.3	19.0	9.28	39.3	13.7	11.5	36.38	7.258	21
22	8.808	8.258	12.2 B	47.1	56.8	17.3	8.30	38.1	13.5	19.8	31.18	7.108	22
23	8.658	8.408	12.1 B	43.3	55.3	16.1	7.86	36.3	13.0	17.0	28.28	7.008	23
24	8.508	10.2 B	12.0 B	41.1	48.9	15.2	8.83	32.3	13.8	14.8	26.88	8.908	24
25	8.358	10.0 B	11.9 B	38.0	46.3	14.5	8.24	28.9	13.9	12.8	18.28	8.808	25
26	8.208	9.808	11.8 B	36.9	43.0	13.9	8.24	26.0	11.8	11.5	17.08	8.708	26
27	8.058	9.208	12.8 B	38.2	40.4	13.5	8.05	23.3	12.0	10.8	16.08	8.608	27
28	7.908	8.808	15.0 B	38.1	38.2	13.1	7.33	21.7	13.2	10.2	16.08	8.528	28
29	7.758		20.0 B	40.5	36.5	11.8	30.1	20.1	12.0	9.64	16.88	8.448	29
30	7.608		28.0 B	88.4	31.7	11.1	28.3	18.6	11.3	9.65	16.48	8.368	30
31	7.468		32.5 B		29.5		18.6	18.8		9.15		8.288	31
TOTAL	305.10	193.32	332.06	1 776.7	3 437.9	734.0	382.35	1 428.85	503.3	343.11	639.3	273.35	TOTAL
MEAN	9.84	6.90	10.9	59.2	111	24.1	12.3	46.1	16.8	11.1	27.8	8.82	MEAN
MAX	12.8	10.2	32.5	180	233	61.9	28.8	175	37.7	19.8	83.8	14.7	MAX
MIN	7.46	5.80	5.75	26.0	29.5	11.1	8.05	8.83	11.3	8.83	12.3	8.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.8
MAXIMUM DAILY, 233 ON MAY 3
MINIMUM DAILY, 5.808 ON FEB 21
MAXIMUM INSTANTANEOUS,
280 AT 23:08 AST ON MAY 3

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 58 09 N
LONG 65 54 26 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 400	JUL	33 000
FEB	15 700	AUG	123 000
MAR	36 300	SEP	43 500
APR	153 000	OCT	28 800
MAY	297 000	NOV	72 300
JUN	82 800	DEC	23 900

TOTAL DISCHARGE, 910 000 dam³

MAGAGUADAVIC LAKE NEAR UPPER MAGAGUADAVIC - STATION NO 01AQ007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	118.748	118.238	118.804	118.863	118.248	118.841	118.870	118.514	118.802	118.086	118.802	118.821	1
2	118.748	118.218	118.880	118.858	118.267	118.838	118.863	118.496	118.822	118.081	118.818	118.833	2
3	118.748	118.195	118.881	118.898	118.281	118.831	118.858	118.483A	118.824	118.081	118.830	118.886	3
4	118.733	118.173	118.887	118.885	118.288	118.810	118.847	118.452	118.821	118.086	118.871	118.880	4
5	118.734	118.181	118.894	118.881	118.436	118.797	118.837	118.418	118.804	118.046	118.884	118.886	5
6	118.718	118.141	118.881	118.107	118.480	118.780	118.832	118.845	118.873	118.032	118.000	118.700	6
7	118.707	118.127	118.882	118.342	118.510	118.788	118.823	118.718	118.892	118.038	118.018	118.711	7
8	118.881	118.107	118.844	118.884	118.883	118.788	118.811	118.783	118.828	118.022	118.028	118.718	8
9	118.878	118.086	118.834	118.827	118.806	118.778	118.801	118.808	118.888	118.004	118.048	118.719	9
10	118.886	118.078	118.826	118.838	118.847	118.788	118.803	118.812	118.472	118.883	118.083	118.720	10
11	118.848	118.086	118.816	118.828	118.888	118.777	118.828	118.818	118.446	118.877	118.140	118.718	11
12	118.868	118.083	118.804	118.807	118.737	118.788	118.830	118.816	118.418	118.870	118.188	118.728	12
13	118.838	118.038	118.788	118.877	118.781	118.784	118.813	118.814	118.392	118.884	118.212	118.730	13
14	118.824	118.026	118.783	118.840	118.831	118.778	118.814	118.814	118.388	118.885	118.228	118.728	14
15	118.817	118.020	118.778	118.808	118.887	118.776	118.816	118.810	118.349	118.841	118.288	118.724	15
16	118.807	118.014	118.780	118.881	118.811	118.773	118.810	118.808	118.339	118.828	118.308	118.726	16
17	118.870	118.000	118.776	118.881	118.827	118.766	118.882	118.793	118.310	118.818	118.380	118.734	17
18	118.848	118.881	118.784	118.842	118.832	118.780	118.885	118.772	118.283	118.808	118.384	118.738	18
19	118.817	118.863	118.808	118.421	118.838	118.788	118.878	118.748	118.278	118.885	118.413	118.728	19
20	118.486	118.880	118.806	118.388	118.843	118.771	118.874	118.734	118.267A	118.884	118.433	118.741	20
21	118.475	118.848	118.807	118.381	118.847	118.778	118.886	118.724	118.242	118.808	118.482	118.728	21
22	118.447	118.848	118.813	118.383	118.842	118.782	118.881	118.718	118.242A	118.802	118.824	118.718	22
23	118.426	118.848	118.808	118.382	118.838	118.788	118.837	118.708	118.228A	118.804	118.826	118.710	23
24	118.393	118.843	118.788	118.318	118.830	118.780	118.826	118.884	118.218	118.804	118.832	118.702	24
25	118.372	118.842	118.788	118.288	118.818	118.733	118.810	118.883	118.198	118.804	118.844	118.883	25
26	118.362	118.838	118.783	118.273	118.801	118.724	118.487	118.888	118.171	118.806	118.888	118.888	26
27	118.338	118.821	118.788	118.286	118.888	118.718	118.481	118.884	118.182	118.802	118.888	118.870	27
28	118.311	118.812	118.782	118.246	118.884	118.706	118.488	118.843	118.144	118.885	118.884	118.884	28
29	118.282		118.827	118.246	118.882	118.883	118.488	118.838	118.133	118.888	118.808	118.881	29
30	118.272		118.880	118.246	118.888	118.880	118.486	118.827	118.118	118.878	118.809	118.848	30
31	118.263		118.838		118.886		118.818	118.813		118.886		118.841	31
MEAN	118.548	118.040	118.828	118.338	118.744	118.788	118.882	118.884	118.388	118.858	118.278	118.700	MEAN
MAX	118.748	118.238	118.838	118.847	118.841	118.870	118.816	118.824	118.088	118.808	118.741	MAX	
MIN	118.263	118.812	118.778	118.963	118.248	118.880	118.486	118.452	118.118	118.886	118.802	118.821	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 118.408
MAXIMUM DAILY, 118.847 ON MAY 21
MINIMUM DAILY, 118.778 ON MAR 16
MAXIMUM INSTANTANEOUS,
118.863 AT 00:21 AST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 43 44 N
LONG 67 11 08 W

A - MANUAL GAUGE

REGULATED SINCE 1978

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGAGUADAVIC RIVER AT ELMCROFT - STATION NO 01AQ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.3 B	14.0 B	15.0 B	88.0B	55.3	31.1	15.6	8.13	7.02	13.2	25.8	28.8B	1
2	9.808	13.2 B	14.0 B	88.0B	84.0	28.8	16.1	8.85	10.7	12.4	63.8	28.3B	2
3	9.108	12.5 B	13.2 B	86.0B	138	26.8	14.8	8.42	14.2	14.4	48.8	24.2B	3
4	8.408	12.0 B	12.8 B	88.0B	139	25.1	13.8	8.58	12.8	16.8	44.8	23.3B	4
5	8.108	11.4 B	12.2 B	74.0B	101	23.8	12.8	15.1	10.8	15.8	40.7	22.8B	5
6	7.808	11.0 B	12.5 B	105	80.1	22.7	12.1	70.7	13.2	14.4	34.8	21.8B	6
7	7.608	10.2 B	11.8 B	108	121	25.8	11.1	81.2	20.0	13.8	31.8	21.1B	7
8	7.008	10.0 B	11.2 B	114	140	27.2	10.2	71.5	16.8	13.0	29.8	20.2B	8
9	8.802	9.818	10.8 B	114	122	42.3	9.38	88.1	17.8	12.4	31.8	18.8B	9
10	8.008	8.408	10.2 B	108	83.1	42.0	8.08	81.7	16.8	12.0	89.8	19.2B	10
11	8.898	8.208	8.808	102	87.8	80.1	13.8	38.0	15.8	11.3	63.8	18.5B	11
12	7.808	8.008	8.508	86.5	113	82.1	15.7	31.7	15.2	10.8	52.8	17.8B	12
13	7.408	8.758	8.008	84.8	113	42.8	13.4	38.2	14.8	10.8	48.1	17.1B	13
14	7.008	8.506	8.508	80.0	140	33.8	11.4	41.8	14.8	10.0	31.8	16.8B	14
15	8.008	8.008	12.0 B	88.0	148	24.1	18.0	40.7	15.8	9.81	30.8	16.2B	15
16	12.8 B	8.008	21.7 B	84.4	118	28.4	15.1	33.8	15.8	9.38	48.7	15.8B	16
17	12.0 B	8.808	32.0 B	88.8	83.1	32.8	13.2	27.0	14.8	9.34	84.0	15.7B	17
18	11.7 B	8.408	24.0 B	82.3	78.8	33.8	10.7	22.6	14.8	9.37	88.7	15.2B	18
19	11.0 B	8.008	26.0 B	85.4	82.7	38.7	9.40	18.8	13.7	9.29	85.3	14.8B	19
20	11.8 B	7.808	28.8 B	80.4	81.1	33.8	8.88	15.9	14.2	8.88	43.0	14.3B	20
21	13.2 B	11.5 B	24.0 B	78.2	46.6	27.8	8.07	14.2	15.8	19.2	37.0B	14.0B	21
22	12.8 B	21.8 B	22.0 B	77.3	42.9	23.8	7.83	13.8	15.8	43.8	32.0B	13.8B	22
23	11.8 B	33.8 B	20.0 B	71.5	41.1	20.6	7.01	13.8	14.8	40.1	30.0B	13.2B	23
24	11.3 B	28.0 B	18.8 B	86.4	39.4	17.4	6.88	12.8	15.3	31.5	28.0B	12.8B	24
25	10.8 B	23.0 B	17.0 B	81.0	41.8	14.8	6.35	11.8	15.8	28.8	28.0B	12.8B	25
26	10.8 B	20.8 B	16.8 B	58.3	38.8	13.8	6.15	10.8	15.2	22.8	24.2B	12.3B	26
27	13.0 B	18.8 B	21.5 B	57.4	45.8	12.5	5.87	9.28	15.8	20.1	23.0B	12.1B	27
28	12.1 B	17.4 B	28.0 B	54.8	48.0	11.5	5.80	8.78	15.8	18.1	22.2B	11.8B	28
29	11.2 B		44.0 B	51.3	41.8	10.8	8.09	7.85	15.8	16.7	30.0B	11.8B	29
30	10.7 B		85.0 B	53.9	35.9	10.5	7.81	7.38	14.2	15.3	28.3B	11.8B	30
31	10.7 B		78.0 B		33.8		8.77	7.32		14.3		11.5B	31
TOTAL	313.19	372.28	674.40	2 400.9	2 510.2	829.0	328.30	808.94	447.12	504.24	1 173.9	524.4	TOTAL
MEAN	10.1	13.3	21.8	80.0	81.0	27.6	10.6	26.1	14.8	16.3	38.1	16.8	MEAN
MAX	13.2	33.8	85.0	114	148	83.1	18.0	81.2	20.0	43.8	88.7	28.8	MAX
MIN	7.00	7.80	8.80	51.3	33.8	10.5	5.87	5.42	7.02	8.88	22.2	11.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.8
MAXIMUM DAILY, 148 ON MAY 18
MINIMUM DAILY, 5.42 ON AUG 3
MAXIMUM INSTANTANEOUS,
155 AT 22:23 AST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 24 N
LONG 65 48 24 W
DRAINAGE AREA, 1 420 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 100	JUL	28 200
FEB	32 200	AUG	69 800
MAR	58 300	SEP	38 600
APR	207 000	OCT	43 600
MAY	217 000	NOV	101 000
JUN	71 800	DEC	45 300

TOTAL DISCHARGE, 940 000 dam³

NEW BRUNSWICK

MAMOZEKEL RIVER NEAR CAMPBELL RIVER - STATION NO. 01AH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.750B	0.466B	0.400B	1.30B	15.7	5.69	1.50	0.803	3.55	2.12	3.04	2.37 B	1
2	0.735B	0.450B	0.390B	1.95B	23.6	7.28	1.62	0.710	7.88	1.97	2.87	2.25 B	2
3	0.723B	0.455B	0.380B	1.75B	55.6	5.83	1.66	0.858	6.66	2.01	2.37	2.13 B	3
4	0.740B	0.460B	0.392B	1.57B	48.7	5.01	1.50	0.886	6.12	2.24	2.24	2.03 B	4
5	0.700B	0.445B	0.380B	1.72B	30.1	4.68	1.57	1.88	4.88	2.18	2.14	1.93 B	5
6	0.675B	0.435B	0.368B	2.65B	26.1	4.17	1.49	2.80	4.20	2.25	2.03	1.83 B	6
7	0.650B	0.425B	0.362B	5.20B	27.0	3.86	1.32	3.25	3.74	2.34	2.28	1.73 B	7
8	0.620B	0.420B	0.357B	13.2 B	24.8	3.81	1.20	3.66	3.41	2.55	2.38	1.65 B	8
9	0.700B	0.440B	0.350B	10.0 B	20.4	3.42	1.11	4.02	3.10	2.50	2.30	1.57 B	9
10	0.680B	0.430B	0.345B	8.80B	16.7	3.35	1.13	2.75	2.82	2.36	3.45	1.50 B	10
11	0.650B	0.425B	0.340B	7.90B	14.8	8.89	2.42	2.07	2.84	2.22	3.84	1.44 B	11
12	0.630B	0.415B	0.338B	7.60B	15.8	5.69	2.27	1.84	2.53	2.14	3.44	1.38 B	12
13	0.620B	0.410B	0.336B	7.20B	14.5	4.76	1.88	3.52	2.38	2.08	3.18	1.33 B	13
14	0.610B	0.405B	0.332B	7.00B	13.8	4.24	1.38	10.2	2.20	2.10	2.81	1.28 B	14
15	0.608B	0.400B	0.330B	6.80B	14.0	4.03	1.35	5.65	2.19	2.10	3.14	1.26 B	15
16	0.608B	0.394B	0.328B	7.20B	13.9	3.81	1.23	6.20	2.44	2.04	4.23	1.21 B	16
17	0.600B	0.387B	0.327B	7.50B	12.2	4.18	1.05	7.78	2.18	2.44	5.83	1.17 B	17
18	0.580B	0.380B	0.325B	7.90B	11.2	3.89	0.981	6.25	2.10	2.46	6.66	1.14 B	18
19	0.540B	0.390B	0.322B	8.20B	11.0	3.35	0.915	5.04	1.89	2.20	6.08	1.11 B	19
20	0.590B	0.410B	0.320B	8.50B	10.3 E	3.07	0.833	4.26	1.76	2.03	4.85	1.06 B	20
21	0.640B	0.400B	0.318B	8.35B	9.20E	2.81	0.787	3.88	1.78	2.12	5.33	1.04 B	21
22	0.620B	0.386B	0.316B	8.15B	8.20E	2.60	0.749	3.63	1.73	2.47	4.80	1.00 B	22
23	0.680B	0.380B	0.315B	8.00	7.30E	2.43	0.710	3.35	2.24	2.41	4.24	0.870B	23
24	0.580B	0.415B	0.315B	7.48	6.60E	2.28	0.683	2.97	2.88	2.21	3.80B	0.850B	24
25	0.640B	0.438B	0.313B	7.00	5.73A	2.13	0.666	2.81	2.65	2.11	3.60B	0.830B	25
26	0.520B	0.480B	0.312B	6.72	5.31	2.02	0.623	2.31	2.21	2.01	3.30B	0.810B	26
27	0.540B	0.440B	0.311B	6.82	4.88	1.84	0.581	2.15	2.39	1.93	3.10B	0.890B	27
28	0.530B	0.408B	0.310B	6.61	4.50	1.77	0.784	1.98	2.56	1.90	2.85B	0.670B	28
29	0.510B		0.360B	7.45	4.14	1.72	1.70	1.86	2.32	1.81	2.70B	0.850B	29
30	0.480B		0.550B	11.0	4.03	1.68	1.34	2.02	2.22	1.85	2.53B	0.830B	30
31	0.480B		0.850B		3.87		0.981	4.98		1.79		0.810B	31
TOTAL	18.897	11.775	11.313	201.42	483.96	111.77	37.713	108.527	93.67	67.03	104.17	41.470	TOTAL
MEAN	0.613	0.421	0.365	6.71	15.6	3.73	1.22	3.50	3.12	2.16	3.47	1.34	MEAN
MAX	0.750	0.486	0.850	13.2	55.6	7.28	2.42	10.2	8.66	2.55	6.66	2.37	MAX
MIN	0.480	0.380	0.310	1.30	3.87	1.68	0.581	0.858	1.73	1.79	2.03	0.810	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.54
MAXIMUM DAILY, 55.6 ON MAY 3
MINIMUM DAILY, 0.310B ON MAR 28
MAXIMUM INSTANTANEOUS,
67.4 AT 17 22 AST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 15 03 N
LONG 67 06 32 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 640	JUL	3 280
FEB	1 020	AUG	9 380
MAR	977	SEP	8 080
APR	17 400	OCT	5 780
MAY	41 800	NOV	9 000
JUN	9 680	DEC	3 580

TOTAL DISCHARGE, 112 000 dam³

MEDUXNEKEAG RIVER NEAR BELLEVILLE - STATION NO. 01AJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.90B	3.60B	2.80B	34.9B	58.6	16.8	3.02	5.65	4.69	7.88	13.5	17.0 B	1
2	5.65B	3.30B	2.60B	32.0B	87.6	14.1	3.02	4.01	18.1	7.13	32.7	16.3 B	2
3	5.62B	3.15B	2.76B	30.9B	178	13.3	3.05	3.31	22.1	6.88	27.7	15.6 B	3
4	5.78B	3.03B	2.10B	29.0B	148	12.1	2.80	2.87	16.3	6.58	27.2	15.0 B	4
5	5.74B	2.85B	1.85B	30.2B	93.6	11.4	2.75	4.64	11.3	6.39	26.7	14.4 B	5
6	5.80B	2.65B	2.00B	110 B	75.7	10.7	2.80	37.7	6.89	5.75	21.8	13.9 B	6
7	5.30B	2.63B	1.88B	220	105	10.2	2.62	39.3	7.45	5.41	20.4	13.4 B	7
8	5.20B	2.73B	1.72B	223	112	9.83	2.23	42.5	6.27	5.19	20.5	13.0 B	8
9	5.50B	2.65B	1.61B	140	84.7	9.44	1.87	34.2	5.66	5.23	28.6	12.6 B	9
10	5.80B	2.70B	1.64B	101	71.1	10.5	2.34	23.0	4.87	4.78	82.3	12.1 B	10
11	5.50B	2.68B	1.48B	86.2	74.1	25.6	6.63	15.8	4.61	4.78	80.5	11.7 B	11
12	5.35B	2.72B	1.43B	88.7	147	26.8	7.44	14.0	4.06	4.86	48.8	11.3 B	12
13	5.15B	2.75B	1.38B	80.8	147	20.1	5.48	27.1	3.78	5.09	34.6	11.0 B	13
14	5.00B	2.80B	1.33B	80.8	182	15.1	4.22	53.7	3.72	5.11	29.2	10.7 B	14
15	4.75B	2.75B	2.28B	97.5	202	11.8	3.59	46.3	3.77	4.62	31.1	10.4 B	15
16	4.80B	2.65B	3.80B	98.8	138	11.1	3.24	34.9	4.14	4.56	41.6	10.2 B	16
17	4.60B	2.57B	6.00B	89.2	95.4	14.8	2.85	25.6	8.80A	5.22	62.7	10.0 B	17
18	4.30B	2.48B	7.20B	95.4	71.0	14.8	2.65	18.9	8.04A	5.82	80.4	9.80B	18
19	4.20B	2.39B	8.60B	71.2	67.0	15.6	2.31	14.9	7.11	8.12	57.8	9.60B	19
20	4.10B	2.33B	8.00B	67.1	46.6	14.1	2.14	12.0	7.33	8.89	42.9	9.40B	20
21	4.00B	2.60B	5.50B	62.2	39.6	11.3	1.88	10.7	11.1	7.81	35.6	9.20B	21
22	4.25B	3.80B	5.00B	58.5	34.7	9.23	1.68	10.2	11.3	14.8	30.3	9.10B	22
23	4.20B	5.00B	4.65B	48.3	31.0	7.84	1.55	9.57	10.2	14.5	27.3	8.80B	23
24	4.10B	5.40B	4.35B	45.4	27.5	6.83	1.41	8.12	10.8	12.3	23.8	8.70B	24
25	3.85B	4.60B	4.15B	44.1	25.5	5.70	1.32	8.07	10.3	10.8	22.4	8.60B	25
26	3.60B	3.80B	4.00B	44.9	23.2	5.13	1.20	8.66	9.40	9.56	21.0	8.40B	26
27	3.70B	3.48B	7.00B	50.4	24.3	4.37	1.18	8.17	11.7	8.71	20.1	8.30B	27
28	3.60B	3.03B	15.0 B	80.0	23.0	3.80	2.85	8.56	12.1	7.89	19.1	8.15B	28
29	3.68B		35.0 B	80.7	19.6	3.87	14.7	8.81	10.4	7.16	18.5	8.00B	29
30	3.75B		47.0 B	58.6	16.7	3.68	12.1	8.31	8.87	6.83	18.28	7.80B	30
31	3.80B		38.0 B		15.7		7.83	6.02		8.41		7.70B	31
TOTAL	146.45	87.30	230.23	2 152.2	2 446.4	367.00	114.81	542.87	284.46	219.73	1 020.5	340.35	TOTAL
MEAN	4.72	3.12	7.43	71.7	78.9	11.8	3.70	17.5	9.82	7.09	34.0	11.0	MEAN
MAX	5.90	5.40	47.0	223	202	26.8	14.7	53.7	22.1	14.8	82.7	17.0	MAX
MIN	3.60	2.33	1.33	29.0	15.7	3.68	1.18	2.87	3.72	4.85	13.8	7.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.7
MAXIMUM DAILY, 223 ON APR 6
MINIMUM DAILY, 1.18 ON JUL 27
MAXIMUM INSTANTANEOUS,
287 AT 00 14 AST ON APR 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 58 N
LONG 67 43 42 W
DRAINAGE AREA, 1 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 700	JUL	8 800
FEB	7 540	AUG	46 800
MAR	19 800	SEP	23 800
APR	186 000	OCT	19 000
MAY	211 000	NOV	88 200
JUN	30 000	DEC	28 400

TOTAL DISCHARGE, 683 000 dam³

MIDDLE BRANCH NASHWAAKSIS STREAM AT SANDWITH'S FARM - STATION NO. 01AK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.010	0.008	0.013	0.178	0.300	0.036	0.001	0.004	0.023	0.029	0.148	0.048	1
2	0.008	0.008	0.012	0.186	0.489	0.033	0.002	0.002	0.180	0.027	0.124	0.042	2
3	0.010	0.008	0.011	0.151	0.401	0.027	0.003	0.003	0.085	0.082	0.084	0.040	3
4	0.008	0.008	0.010	0.134	0.384	0.026	0.004	0.004	0.048	0.058	0.098	0.043	4
5	0.008	0.007	0.011	0.231	0.278	0.024	0.003	0.893	0.034	0.041	0.078	0.047	5
6	0.007	0.007	0.012	0.807	0.258	0.023	0.002	0.887	0.028	0.037	0.070	0.042	6
7	0.007	0.007	0.010	1.44	0.484	0.028	0.003	0.188	0.028	0.042	0.078	0.041	7
8	0.007	0.007	0.008	0.881	0.361	0.024	0.005	0.185	0.026	0.044	0.085	0.039	8
9	0.011	0.008	0.008	0.426	0.288	0.026	0.003	0.118	0.022	0.037	0.188	0.037	9
10	0.008	0.008	0.008	0.342	0.198	0.026	0.017	0.082	0.018	0.031	0.320	0.034	10
11	0.008	0.008	0.008	0.300	0.288	0.040	0.048	0.086	0.017	0.028	0.182	0.033	11
12	0.008	0.008	0.008	0.284	0.309	0.040	0.018	0.088	0.018	0.027	0.138	0.031	12
13	0.008	0.008	0.008	0.282	0.288	0.026	0.008	0.084	0.014	0.026	0.107	0.031	13
14	0.008	0.008	0.008	0.283	0.318	0.018	0.008	0.101	0.013	0.024	0.108	0.029	14
15	0.008	0.0088	0.013	0.233	0.232	0.018	0.008	0.091	0.018	0.022	0.142	0.028	15
16	0.010	0.0088	0.027	0.237	0.177	0.034	0.004	0.088	0.018	0.022	0.270	0.028	16
17	0.008	0.0088	0.031	0.238	0.143	0.043	0.008	0.072	0.018	0.030	0.332	0.027	17
18	0.008	0.0088	0.033	0.223	0.122	0.032	0.003	0.084	0.022	0.028	0.188	0.026	18
19	0.008	0.008	0.0318	0.207	0.108	0.031	0.003	0.042	0.017	0.026	0.148	0.025	19
20	0.008	0.008	0.0288	0.224	0.094	0.020	0.002	0.038	0.038	0.022	0.128	0.024	20
21	0.0108	0.008	0.0288	0.233	0.084	0.014	0.001	0.058	0.082	0.110	0.113	0.023	21
22	0.010	0.021	0.0248	0.218	0.088	0.011	0.001	0.085	0.046	0.110	0.121	0.022	22
23	0.008	0.0248	0.0238	0.171	0.068	0.008	0.001	0.048	0.031	0.088	0.088	0.020	23
24	0.008	0.0238	0.020	0.152	0.058	0.007	0	0.040	0.045	0.087	0.088	0.019	24
25	0.008	0.0238	0.020	0.184	0.088	0.008	0	0.028	0.035	0.083	0.074	0.018	25
26	0.007	0.018	0.023	0.174	0.084	0.006	0	0.022	0.043	0.088	0.088	0.018	26
27	0.008	0.015	0.031	0.198	0.085	0.005	0	0.018	0.068	0.048	0.064	0.018	27
28	0.008	0.014	0.040	0.204	0.071	0.004	0.010	0.017	0.046	0.042	0.088	0.018	28
29	0.007		0.088	0.248	0.048	0.003	0.041	0.018	0.038	0.038	0.083	0.016	29
30	0.007		0.0718	0.292	0.038	0.002	0.014	0.015	0.033	0.038	0.083	0.015	30
31	0.007		0.1328		0.038		0.008	0.014		0.033		0.014	31
TOTAL	0.262	0.270	0.784	8.848	5.478	0.697	0.218	2.785	1.138	1.305	3.787	0.898	TOTAL
MEAN	0.008	0.010	0.025	0.285	0.208	0.022	0.007	0.090	0.038	0.042	0.126	0.029	MEAN
MAX	0.011	0.024	0.132	1.44	0.801	0.080	0.048	0.587	0.180	0.110	0.322	0.048	MAX
MIN	0.007	0.008	0.008	0.134	0.038	0.002	0	0.002	0.013	0.022	0.082	0.014	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.078
MAXIMUM DAILY, 1.44 ON APR 7
MINIMUM DAILY, 0 ON JUL 24
MAXIMUM INSTANTANEOUS,
1.87 AT 18:14 AST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 04 58 N
LONG 66 44 04 W
DRAINAGE AREA, 8.70 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22.8	JUL	18.8
FEB	23.3	AUG	241
MAR	68.0	SEP	95.3
APR	764	OCT	113
MAY	580	NOV	325
JUN	58.8	DEC	77.3

TOTAL DISCHARGE, 2 370 dam³

REMARKS - PUBLISHED UNDER THE NAME "NORTH NASHWAAKSIS STREAM AT SANDWITH'S FARM" TO 1985

MIDDLE BRANCH NASHWAAKSIS STREAM NEAR ROYAL ROAD - STATION NO. 01AK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.032	0.028	0.035	1.58 B	1.76	0.232	0.022	0.038	0.128	0.178	0.988	0.2328	1
2	0.030	0.028	0.034	1.45	3.33	0.214	0.038	0.030	0.888	0.182	0.888	0.2378	2
3	0.030	0.026	0.033	1.18 B	4.88	0.180	0.043	0.023	0.578	0.331	0.846	0.2848	3
4	0.030	0.027	0.031	1.03 B	2.32	0.188	0.028	0.033	0.328	0.324	0.878	0.3388	4
5	0.029	0.028	0.031	1.36 B	1.62	0.153	0.030	8.31	0.225	0.282	0.810	0.317	5
6	0.028	0.028	0.032	4.38	1.53	0.137	0.028	5.45	0.180	0.241	0.488	0.284	6
7	0.028	0.028	0.030	11.7	3.08	0.177	0.024	1.75	0.152	0.275	0.483	0.288	7
8	0.024	0.028	0.028	4.48	2.16	0.148	0.033	1.30	0.126	0.263	0.380	0.242	8
9	0.031	0.027	0.027	2.43	1.48	0.148	0.024	0.857	0.108	0.220	1.12	0.227	9
10	0.030	0.026	0.026	2.10	1.09	0.186	0.084	0.533	0.081	0.198	2.13	0.225	10
11	0.028	0.028	0.028	1.73	1.72	0.327	0.283	0.378	0.078	0.183	1.24	0.215	11
12	0.027	0.026	0.026	1.80	2.07	0.250	0.117	0.333	0.068	0.188	0.888	0.207	12
13	0.026	0.026	0.026	1.72	1.87	0.178	0.082	0.534	0.083	0.168	0.848	0.195	13
14	0.026	0.026	0.026	1.48	2.32	0.135	0.054	0.852	0.068	0.138	0.822	0.185	14
15	0.026	0.026E	0.0268	1.34	1.84	0.108	0.048	0.578	0.073	0.118	0.847	0.185	15
16	0.030	0.026E	0.0868	1.38	1.08	0.218	0.038	0.420	0.068	0.120	1.87	0.183	16
17	0.028	0.024E	0.1088	1.44	0.858	0.273	0.036	0.374	0.100	0.187	2.38	0.184	17
18	0.027	0.023E	0.1088	1.44	0.713	0.228	0.037	0.288	0.111	0.154	1.38	0.176	18
19	0.026	0.022E	0.078	1.32	0.618	0.224	0.031	0.202	0.088	0.138	0.903	0.184	19
20	0.027	0.022E	0.081	1.48	0.802	0.180	0.027	0.188	0.288	0.128	0.724	0.182	20
21	0.028	0.0248	0.088	1.50	0.442	0.110	0.020	0.458	0.581	0.723	0.632	0.188	21
22	0.027	0.0288	0.085	1.24	0.455	0.073	0.015	0.757	0.388	0.788	0.5188	0.148	22
23	0.026	0.0388	0.081	0.972	0.395	0.068	0.011	0.484	0.287	0.506	0.5118	0.137	23
24	0.028	0.0488	0.045	0.846	0.345	0.050	0.008	0.378	0.338	0.381	0.4328	0.127	24
25	0.036	0.0488	0.048	1.02	0.382	0.048	0.007	0.283	0.288	0.318	0.4388	0.116	25
26	0.024	0.048	0.086	1.14	0.305	0.043	0.007	0.181	0.328	0.267	0.392	0.1148	26
27	0.028	0.040	0.0848	1.28	0.533	0.038	0.016	0.158	0.471	0.250	0.3588	0.1128	27
28	0.024	0.037	0.2508	1.28	0.457	0.037	0.084	0.126	0.332	0.230	0.3338	0.1108	28
29	0.025		0.4228	1.56	0.335	0.033	0.180	0.103	0.281	0.210	0.342	0.1088	29
30	0.025		0.5848	1.77	0.278	0.027	0.084	0.087	0.207	0.203	0.3048	0.1068	30
31	0.025		1.10 B		0.263		0.047	0.086		0.188		0.1048	31
TOTAL	0.842	0.814	3.835	59.718	40.578	4.338	1.940	23.307	7.221	7.882	23.841	5.858	TOTAL
MEAN	0.027	0.028	0.117	1.89	1.31	0.145	0.060	0.752	0.241	0.257	0.795	0.189	MEAN
MAX	0.032	0.048	1.10	11.7	4.88	0.327	0.283	8.31	0.888	0.788	2.38	0.338	MAX
MIN	0.024	0.022	0.025	0.944	0.263	0.027	0.007	0.023	0.068	0.118	0.304	0.104	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.492
MAXIMUM DAILY, 11.7 ON APR 7
MINIMUM DAILY, 0.007 ON JUL 25
MAXIMUM INSTANTANEOUS,
13.8 AT 17:26 AST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 06 N
LONG 66 42 05 W
DRAINAGE AREA, 28.9 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	73.7	JUL	133
FEB	70.3	AUG	2 010
MAR	313	SEP	624
APR	180	OCT	890
MAY	3 510	NOV	2 080
JUN	378	DEC	508

TOTAL DISCHARGE, 15 800 dam³

REMARKS - PUBLISHED UNDER THE NAME "NORTH NASHWAAKSIS STREAM NEAR ROYAL ROAD" TO 1985

NEW BRUNSWICK

MIDDLE RIVER NEAR BATHURST - STATION NO. 01BJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8208	0.4148	0.3758	1.908	18.5 E	3.08	0.618	0.527	1.18	0.411	0.537	1.20 B	1
2	0.7808	0.4508	0.3708	1.858	26.4 A	5.30	0.894	0.434	1.71	0.408	0.533	1.18 B	2
3	0.7408	0.4408	0.3708	1.828	44 B	3.80	0.795	0.381	1.88	0.443	0.880	1.13 B	3
4	0.7158	0.4308	0.3708	1.808	35.0	2.91	0.859	0.352	1.28	0.447	0.938	1.07 B	4
5	0.6808	0.4158	0.3688	1.858	23.7	2.58	0.599	0.459	0.983	0.417	0.984	1.02 B	5
6	0.8508	0.4108	0.3658	1.638	18.2	2.13	0.545	1.82	0.854	0.393	0.720	0.8808	6
7	0.8208	0.4008	0.3708	2.008	20.1	1.87	0.483	2.11	0.785	0.414	0.7638	0.8708	7
8	0.8008	0.3858	0.3748	3.008	21.2	1.85	0.381	1.80	0.671	0.484	0.804	0.8408	8
9	0.8408	0.3808	0.3858	5.208	19.9	1.48	0.368	1.82	0.618	0.472	0.809	0.8108	9
10	0.8858	0.3858	0.3908	5.708	14.1	1.35	0.364	1.11	0.572	0.437	2.08	0.8908	10
11	0.8138	0.3808	0.3558	5.608	12.1	2.82	4.61	0.778	0.538	0.411	2.12	0.8808	11
12	0.8808	0.3758	0.3528	6.508	14.7	3.31	9.22	0.840	0.509	0.411	1.83	0.8408	12
13	0.8508	0.3708	0.3488	8.208	11.9	2.38	4.15	1.20	0.508	0.417	1.03	0.8238	13
14	0.8508	0.3658	0.3468	10.5 B	9.87	1.75	2.31	11.0	0.462	0.418	0.979	0.8008	14
15	0.8308	0.3608	0.3508	11.2 E	8.98	1.63	1.84	7.33	0.526	0.408	1.28	0.7808	15
16	0.5208	0.3808	0.4008	11.2 E	8.18	1.43	1.23	3.97	0.837	0.443	2.84	0.7708	16
17	0.4808	0.3658	0.6008	10.8 E	7.30	1.88	0.951	2.74	0.587	0.581	4.31	0.7608	17
18	0.4808	0.3658	0.5408	10.3 E	6.36	1.82	0.825	2.07	0.581	0.579	4.10	0.7408	18
19	0.4758	0.3638	0.7808	9.50E	5.83	1.55	0.767	1.83	0.544	0.503 B	3.80 B	0.7308	19
20	0.4658	0.3608	0.8808	8.80E	4.83	1.28	0.835	1.29	0.511	0.452	1.30 B	0.7108	20
21	0.4658	0.3658	0.8208	8.40E	4.36	1.11	0.648	1.17	0.524	0.484	2.22 B	0.6808	21
22	0.4458	0.3858	0.5808	9.80E	4.22	0.960	0.691	1.17	0.495	0.571	2.01 B	0.6808	22
23	0.4408	0.4008	0.5408	9.20E	4.37	0.856	0.647	1.80	0.500	0.583	1.88 B	0.6708	23
24	0.4358	0.3858	0.5108	8.50E	3.85	0.736	0.603	1.80	0.522	0.530	1.72 B	0.6608	24
25	0.4308	0.3908	0.4808	8.80E	3.84	0.727	0.378	1.18	0.487	0.471	1.60 B	0.6508	25
26	0.4268	0.3888	0.4708	7.25E	3.37	0.692	0.347	0.844	0.439	0.439	1.50 B	0.6408	26
27	0.4208	0.3858	0.4408	7.80E	3.07	0.889	0.338	0.844	0.457	0.432	1.43 B	0.6308	27
28	0.4158	0.3808	0.8008	8.30E	2.83	1.01	0.584	0.755	0.440	0.434	1.37 B	0.6208	28
29	0.4188		1.10 B	11.0 E	2.67	1.08	1.17	0.665	0.452	0.426	1.28 B	0.6108	29
30	0.4108		1.60 B	16.0 E	2.24	0.730	0.904	0.652	0.445	0.431	1.25 B	0.6008	30
31	0.4108		1.90 B		2.12		0.860	1.21		0.427		0.8008	31
TOTAL	16.713	10.830	17.484	218.40	371.80	54.282	37.912	54.961	20.637	14.171	47.287	28.133	TOTA
MEAN	0.539	0.387	0.564	7.28	12.0	1.81	1.22	1.77	0.688	0.457	1.58	0.911	MEAN
MAX	0.820	0.450	1.90	18.0	44.9	5.30	9.22	11.0	1.88	0.593	4.31	1.20	MAX
MIN	0.410	0.350	0.345	1.83	2.12	0.699	0.338	0.352	0.439	0.393	0.537	0.800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.64
MAXIMUM DAILY, 48.9 ON MAY 3
MINIMUM DAILY, 0.338 ON JUL 27
MAXIMUM INSTANTANEOUS,
58.7 AT 11:38 AST ON MAY 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 30 N
LONG 65 43 23 W
DRAINAGE AREA, 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 440	JUL	3 280
FEB	938	AUG	4 760
MAR	1 510	SEP	1 780
APR	18 900	OCT	1 220
MAY	32 100	NOV	4 090
JUN	4 690	DEC	2 170

TOTAL DISCHARGE, 75 900 dam³

MACKAWIC STREAM NEAR TEMPERANCE VALE - STATION NO. 01AK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1928	0.1608	0.2008	8.52	14.7	1.25	0.201	0.898	0.345	1.79	3.91	2.13 B	1
2	0.1858	0.1548	0.1908	8.56	19.8	1.19	0.208	0.945	3.47	1.45	5.06	1.88 B	2
3	0.1788	0.1508	0.1828	10.7	41.5	1.13	0.241	0.388	4.81	2.10	5.40	1.78 B	3
4	0.1738	0.1478	0.1778	11.1	32.2	0.982	0.193	0.290	3.08	2.36	7.56	1.68 B	4
5	0.1678	0.1458	0.1708	15.2	18.0	0.882	0.154	1.38	1.82	2.03	8.98	1.80 B	5
6	0.1608	0.1428	0.1868	38.1	15.1	0.782	0.136	8.48	1.19	1.68	5.86	1.40 B	6
7	0.1606	0.1388	0.1808	80.8	24.4	0.787	0.115	14.9	0.888	1.60	5.13	1.31 B	7
8	0.1488	0.1368	0.1568	58.0	26.4	0.759	0.086	14.7	0.673	1.47	4.84	1.23 B	8
9	0.1598	0.1348	0.1508	30.7	23.5	0.735	0.077	10.4	0.783	1.30	5.67	1.16 B	9
10	0.1908	0.1328	0.1488	23.8	18.3	0.784	0.277	8.40	0.730	1.08	13.3	1.12 B	10
11	0.1638	0.1308	0.1478	18.3	14.5	3.00	1.28	3.85	0.473	0.888	13.9	1.08 B	11
12	0.1768	0.1288	0.1468	14.1	19.5	3.82	0.878	3.51	0.388	0.874	10.4	1.00 B	12
13	0.1708	0.1268	0.1448	12.7	17.7	2.74	0.481	7.73	0.308	0.817	7.31	0.9508	13
14	0.1868	0.1248	0.1428	12.9	23.5	1.71	0.386	11.5	0.328	0.827	5.96	0.8058	14
15	0.1938	0.1228	0.3008	12.1	22.0	1.14	1.02	11.5	0.400	0.771	7.11	0.8998	15
16	0.1808	0.1208	0.5748	12.5	15.2	1.11	1.22	8.52	0.318	0.715	11.9	0.8108	16
17	0.1628	0.1188	1.06 B	12.8	10.5	1.55	0.821	5.91	0.408	0.970	18.9	0.7608	17
18	0.1548	0.1178	1.13 B	14.3	7.90	1.88	0.724	3.47	0.588	1.13	15.5	0.7108	18
19	0.1678	0.1168	0.8808	13.2	8.18	1.45	0.564	2.18	0.803	1.18	10.8	0.8708	19
20	0.1658	0.1158	0.8008	12.5	8.08	1.08	0.418	1.41	1.30	1.12	7.33	0.8358	20
21	0.1628	0.1148	0.7488	12.7	4.14	0.785	0.312	1.11	3.58	3.37	5.93	0.8008	21
22	0.1588	0.1308	0.8208	11.8	3.78	0.675	0.227	0.946	3.33	5.51	4.87	0.8708	22
23	0.1558	0.2708	0.5808	9.11	3.47	0.449	0.185	0.840	2.53	4.82	4.38	0.8408	23
24	0.1538	0.2808	0.5808	8.48	2.88	0.371	0.128	0.817	2.90	3.85	3.82	0.8108	24
25	0.1508	0.2498	0.5208	8.83	2.67	0.331	0.100	0.873	2.57	3.92	3.308	0.4908	25
26	0.1498	0.2358	0.6408	9.26	2.20	0.283	0.086	0.842	2.97	3.34	2.808	0.4708	26
27	0.1488	0.2248	0.8008	10.2	2.74	0.268	0.108	0.447	4.72	1.95	2.508	0.4808	27
28	0.1478	0.2138	0.5608	10.4	2.61	0.338	0.283	0.384	4.30	1.69	2.608	0.4308	28
29	0.1618		10.3 B	11.2	2.14	0.323	3.04	0.353	3.27	1.53	2.608	0.4108	29
30	0.1738		11.7	13.3	1.67	0.255	2.87	0.277	2.43	1.37	2.308	0.3808	30
31	0.1678		8.95		1.44		1.70	0.245		1.29		0.3708	31
TOTAL	5.088	4.380	42.987	536.19	403.78	32.378	17.837	125.486	55.328	55.883	208.18	38.889	TOT
MEAN	0.164	0.185	1.39	17.9	13.0	1.08	0.569	4.05	1.84	1.83	6.84	0.931	MEA
MAX	0.192	0.270	11.7	80.8	41.5	3.82	3.87	14.9	4.81	5.51	18.9	2.13	MAX
MIN	0.148	0.114	0.162	8.48	1.44	0.255	0.077	0.245	0.308	0.715	2.30	0.370	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.18
MAXIMUM DAILY, 80.8 ON APR 7
MINIMUM DAILY, 0.077 ON JUL 8
MAXIMUM INSTANTANEOUS,
100 AT 19 05 AST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 57 N
LONG 67 14 25 W
DRAINAGE AREA, 240 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	440	JUL	1 520
FEB	378	AUG	10 600
MAR	3 710	SEP	4 780
APR	48 300	OCT	4 910
MAY	34 800	NOV	18 000
JUN	2 900	DEC	2 490

TOTAL DISCHARGE, 131 000 dam³

REMARKS - PUBLISHED AS "MACKAWIC RIVER AT TEMPERANCE VALE" TO 1980 AND AS "MACKAWIC RIVER NEAR TEMPERANCE VALE" TO 1985.

NARROWS MOUNTAIN BROOK NEAR NARROWS MOUNTAIN - STATION NO. 01AL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.018	0.012	0.014	0.237	0.331	0.041	0.008	0.007	0.035	0.020	0.135	0.047	1
2	0.017	0.013	0.013	0.181	0.516	0.046	0.008	0.007	0.227	0.020	0.100	0.043	2
3	0.017	0.012	0.013	0.132	0.728	0.037	0.010	0.008	0.048	0.128	0.078	0.048	3
4	0.017	0.012	0.013	0.137	0.439	0.031	0.010	0.007	0.021	0.087	0.128	0.050	4
5	0.018	0.012	0.012	0.385	0.280	0.031	0.010	0.187	0.015	0.042	0.083	0.044	5
6	0.015	0.012	0.012	1.48	0.485	0.027	0.011	0.281	0.014	0.034	0.075	0.042	6
7	0.015	0.011	0.012	1.83	0.852	0.028	0.011	0.082	0.012	0.034	0.068	0.041	7
8	0.015	0.011	0.012	0.807	0.418	0.026	0.010	0.078	0.012	0.034	0.075	0.038	8
9	0.022	0.011	0.012	0.484	0.308	0.025	0.008	0.046	0.012	0.028	0.216	0.031	9
10	0.018	0.013	0.011	0.388	0.235	0.030	0.028	0.019	0.011	0.025	0.383	0.032	10
11	0.017	0.011	0.011	0.328	0.388	0.082	0.058	0.018	0.010	0.024	0.181	0.033	11
12	0.016	0.011	0.011	0.307	0.384	0.047	0.022	0.043	0.009	0.025	0.138	0.032	12
13	0.024	0.010	0.011	0.331	0.300	0.039	0.016	0.104	0.008	0.023	0.104	0.031	13
14	0.014	0.012	0.011	0.342	0.357	0.023	0.013	0.121	0.008	0.022	0.106	0.031	14
15	0.015	0.008	0.017	0.284	0.281	0.021	0.015	0.048	0.009	0.021	0.172	0.029	15
16	0.020	0.010	0.0378	0.282	0.208	0.038	0.013	0.028	0.012	0.030	0.351	0.029	16
17	0.017	0.008	0.0278	0.313	0.180	0.038	0.017	0.021	0.023	0.074	0.446	0.028	17
18	0.014	0.009	0.023	0.340	0.133	0.035	0.013	0.017	0.020A	0.048	0.240	0.028	18
19	0.013	0.008	0.021	0.278	0.110	0.032	0.011	0.016	0.014A	0.037	0.187	0.025	19
20	0.013	0.008	0.019	0.313	0.087	0.021	0.011	0.013	0.047	0.032	0.133	0.024	20
21	0.013	0.008	0.018	0.333	0.088	0.018	0.009	0.012	0.034	0.208	0.124	0.023	21
22	0.013	0.043	0.018	0.308	0.089	0.018	0.008	0.012	0.024	0.137	0.103	0.022	22
23	0.013	0.045	0.016	0.314	0.076	0.014	0.007	0.013	0.021	0.081	0.084	0.021	23
24	0.013	0.021	0.015	0.172	0.088	0.012	0.007	0.015	0.048	0.084	0.084	0.021	24
25	0.013	0.018	0.015	0.181	0.072	0.011	0.008	0.012	0.028	0.068	0.110	0.020	25
26	0.011	0.015	0.017	0.204	0.080	0.013	0.008	0.011	0.051	0.050	0.104	0.020	26
27	0.012	0.015	0.024	0.240	0.084	0.011	0.008	0.009	0.080	0.043	0.070	0.022	27
28	0.012	0.014	0.045	0.238	0.087	0.010	0.008	0.008	0.028	0.042	0.081	0.020	28
29	0.012		0.102	0.315	0.050	0.010	0.010	0.008	0.023	0.041	0.081	0.020	29
30	0.012		0.8518	0.337	0.045	0.010	0.008	0.009	0.021	0.039	0.080	0.019	30
31	0.012		0.881		0.040		0.007	0.007		0.038		0.018	31
TOTAL	0.459	0.384	2.015	11.831	7.483	0.809	0.380	1.218	0.924	1.582	4.252	0.928	TOTAL
MEAN	0.015	0.014	0.065	0.388	0.241	0.027	0.012	0.039	0.031	0.050	0.142	0.030	MEAN
MAX	0.022	0.045	0.881	1.83	0.728	0.082	0.058	0.281	0.227	0.208	0.445	0.080	MAX
MIN	0.011	0.008	0.011	0.132	0.040	0.010	0.008	0.008	0.008	0.020	0.080	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 1.83 ON APR 7
MINIMUM DAILY, 0.008 ON JUL 25
MAXIMUM INSTANTANEOUS,
2.72E AT 21:23 AST ON APR 8

REMARKS - THE E FOR DISCHARGE ABOVE 2.30 IS DUE TO CURVE EXTENSION

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 36 N
LONG 67 01 17 W
DRAINAGE AREA, 2.89 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39.7	JUL	32.8
FEB	34.0	AUG	105
MAR	174	SEP	79.8
APR	1 000	OCT	135
MAY	647	NOV	367
JUN	69.9	DEC	79.9

TOTAL DISCHARGE, 2 780 dam³

NASHWAAK RIVER AT DURHAM BRIDGE - STATION NO. 01AL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.708	6.008	12.3 B	86.28	115	22.4	8.41	5.05	7.15	11.3	28.5	20.2 B	1
2	8.538	5.808	11.2 B	81.78	137	24.2	8.04	4.88	46.5	10.2	46.2	18.8 B	2
3	8.368	6.658	10.6 B	77.78	303	32.3	8.15	4.43	47.8	13.8	31.3	18.0 B	3
4	8.168	5.508	9.808	88.88	280	18.8	7.43	4.49	24.7	23.0	34.4	17.0 B	4
5	8.008	5.358	9.308	106 B	190	18.6	6.84	21.8	18.7	17.1	31.1	16.2 B	5
6	7.868	5.208	8.708	141 B	148	17.4	8.33	85.1	13.5	16.1	28.8	15.6 B	6
7	7.758	5.088	7.808	398	281	16.2	8.10	51.8	11.8	13.7	29.0	15.1 B	7
8	7.858	4.988	7.508	324	220	16.6	6.85	30.0	10.8	14.1	27.6	14.8 B	8
9	8.158	4.808	7.108	181	141	15.4	5.81	25.2	10.2	13.4	40.2	14.2 B	9
10	8.008	4.608	6.708	138	107	14.8	5.83	19.1	9.38	12.1	129	13.9 B	10
11	8.108	4.728	6.308	114	118	28.1	18.0	14.8	8.73	11.7	88.9	13.5 B	11
12	7.768	4.568	5.808	100	180	28.7	15.6	12.8	8.18	10.8	84.2	13.0 B	12
13	7.658	4.628	5.508	92.8	140	21.7	10.4	35.0	7.44	10.3	48.1	12.6 B	13
14	7.948	4.588	5.208	94.1	152	16.8	7.88	38.4	7.38	8.76	41.7	13.2 B	14
15	8.038	4.568	5.758	84.8	123	14.3	7.70	33.6	7.74	9.37	48.0	11.9 B	15
16	8.708	4.518	7.348	83.6	99.7	15.1	7.03	24.5	8.13	9.44	89.5	11.8 B	16
17	8.008	4.448	11.8 B	81.0	82.5	19.9	7.42	21.5	9.80	14.3	149	11.3 B	17
18	7.018	4.448	15.6 B	83.0	70.0	18.1	8.88	17.6	12.9	15.7	112	11.0 B	18
19	8.808	4.408	15.3 B	78.3	59.8	15.9	8.03	13.9	11.4	13.2	78.3	10.8 B	19
20	8.658	4.358	12.9 B	76.8	51.2	14.4	8.44	12.0	10.4	12.1	63.9	10.6 B	20
21	8.508	5.408	11.7 B	83.1	44.2A	12.0	8.03	11.7	18.1	29.2	58.4	10.4 B	21
22	8.358	8.808	10.6 B	82.6	40.8E	10.8	4.84	12.4	15.4	49.8	44.8	10.2 B	22
23	8.208	9.208	9.098	69.8	37.1E	8.81	4.40	11.6	12.6	30.8	37.8	10.0 B	23
24	8.058	11.8 B	8.278	61.3	35.0A	9.07	4.22	11.8	15.7	23.7	34.8	9.808	24
25	8.908	14.4 B	9.208	56.1	36.3	8.59	4.01	10.1	15.8	20.7	32.2	9.808	25
26	8.808	15.0 B	11.8 B	50.0	32.4	8.31	3.84	8.38	13.3	18.8	28.28	9.408	26
27	8.708	15.0 B	15.1 B	59.8	33.8	7.92	3.83	7.66	21.2	16.6	26.38	9.208	27
28	8.658	14.2 B	21.4 B	71.6	33.3	7.40	8.38	7.30	16.7	17.8	24.18	9.008	28
29	8.808		50.8 B	82.4	34.4	7.88	16.4	8.87	14.4	16.1	23.08	8.858	29
30	8.558		110 B	107	24.8	7.27	12.0	8.82	12.6	14.8	21.88	8.708	30
31	8.408		114 B		23.4		7.78	8.37		14.1		8.558	31
TOTAL	224.18	191.98	555.65	3 286.3	3 294.9	472.43	226.74	574.22	449.80	513.65	1 841.0	388.10	TOTAL
MEAN	7.23	6.84	17.9	110	106	15.7	7.31	18.7	15.0	16.6	61.4	12.5	MEAN
MAX	9.00	18.0	114	398	303	28.7	16.4	85.1	46.5	49.8	149	20.2	MAX
MIN	6.66	4.35	5.30	56.1	23.4	7.27	3.83	4.43	7.15	9.37	21.8	8.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.1
MAXIMUM DAILY, 398 ON APR 7
MINIMUM DAILY, 3.83 ON JUL 27
MAXIMUM INSTANTANEOUS,
449 AT 22:45 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 07 33 N
LONG 66 39 44 W
DRAINAGE AREA, 1 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 400	JUL	19 800
FEB	18 800	AUG	80 000
MAR	48 000	SEP	38 800
APR	284 000	OCT	44 400
MAY	285 000	NOV	133 000
JUN	40 800	DEC	33 400

TOTAL DISCHARGE, 1 010 000 dam³

NEW BRUNSWICK

NASHWAAK RIVER AT STANLEY - STATION NO 01AL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 808	2 638	5 208	43 48	56 4	10 3	3 62	3 24	4 28	6 28	14 5	7 708	1
2	3 788	2 578	4 858	40 58	78 6	11 0	4 01	2 91	36 6	5 73	23 3	7 308	2
3	3 678	2 508	4 608	34 38	172	10 4	4 22	2 65	28 4	9 32	14 6	6 808	3
4	3 668	2 428	4 308	35 68	117	8 53	3 83	2 37	13 2	13 3	17 2	6 608	4
5	3 469	2 368	4 008	46 98	76 0	8 97	3 50	11 0	9 35	9 82	15 1	6 308	5
6	3 378	2 288	3 638	82 08	72 0	8 88	3 25	46 8	8 10	8 30	11 9	6 108	6
7	3 308	2 258	3 558	161	137	8 12	3 07	23 8	7 18	7 85	13 0	5 908	7
8	3 858	2 208	3 328	130	85 7	8 48	2 92	13 8	6 48	7 81	13 2	5 708	8
9	4 208	2 178	3 048	77 7	64 4	7 86	2 83	12 6	5 95	7 08	18 7	5 508	9
10	3 788	2 158	2 878	66 6	49 4	7 98	3 18	8 26	5 30	6 36	52 3	5 308	10
11	3 508	2 118	2 758	48 1	50 6	18 8	10 4	6 50	4 85	6 12	35 8	5 108	11
12	3 198	2 088	2 668	40 8	53 9	14 9	8 45	5 80	4 81	6 34	26 3	5 008	12
13	3 108	2 078	2 568	37 6	55 4	10 7	6 83	18 4	4 81	6 08	20 8	4 808	13
14	2 808	2 058	2 378	36 8	56 7	8 88	4 36	31 1	4 30	5 50	18 0	4 808	14
15	3 508	2 038	2 468	35 8	48 8	7 85	4 85	22 8	4 22	5 19	21 1	4 708	15
16	3 508	2 018	2 888	34 3	40 8	7 88	4 32	14 1	5 14	5 26	38 7	4 608	16
17	3 528	1 988	5 258	33 2	33 9	9 42	4 86	11 4	5 84	8 82	82 4	4 508	17
18	3 308	1 888	5 808	35 7	28 1	8 87	3 92	9 69	8 28	8 81	48 8	4 408	18
19	3 088	1 948	5 708	32 2	25 4	8 58	3 21	8 00	6 87	7 39	32 4	4 308	19
20	2 958	1 928	5 758	33 6	22 4	7 23	2 78	6 74	6 46	6 83	26 5	4 208	20
21	2 888	1 908	5 008	36 0	20 0	6 02	2 51	5 21	9 87	17 1	23 8	4 108	21
22	2 788	3 338	4 358	35 0	18 8	5 48	2 48	5 87	8 43	25 9	17 9	4 008	22
23	2 708	4 758	4 058	29 9	18 3	4 86	2 27	5 87	7 05	14 8	17 0	3 908	23
24	2 858	5 908	3 858	26 2	15 8	4 73	1 95	5 82	8 88	11 4	14 6	3 808	24
25	2 808	7 408	3 638	24 3	15 5	4 39	1 87	5 56	8 31	9 88	12 8	3 708	25
26	2 558	7 308	5 008	24 8	14 3	4 20	2 08	4 88	7 44	8 17	11 1 8	3 858	26
27	2 518	6 408	7 008	28 5	15 3	4 20	1 88	4 28	12 8	8 82	10 3 8	3 808	27
28	2 488	5 858	8 008	29 1	14 7	4 07	3 44	3 80	10 1	9 28	8 608	3 558	28
29	2 458		22 5 8	34 9	12 0	4 44	9 61	3 85	8 16	8 50	8 908	3 608	29
30	2 438		44 6 8	47 1	10 8	4 11	8 68	3 66	7 18	8 22	8 408	3 558	30
31	2 578		50 3 8		10 7		4 03	3 68		7 68		3 408	31
TOTAL	88 40	88 51	242 65	1 378 8	1 500 5	239 83	125 62	316 52	288 66	279 34	856 70	150 45	TOTAL
MEAN	3 17	3 09	7 83	46 0	48 4	7 99	4 05	10 2	8 86	9 01	21 8	4 85	MEAN
MAX	4 20	7 40	50 3	161	172	16 9	10 4	46 6	36 8	25 8	82 4	7 70	MAX
MIN	2 43	1 90	2 37	24 3	10 7	4 07	1 87	2 37	4 22	5 19	8 40	3 40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14 8
MAXIMUM DAILY, 172 ON MAY 3
MINIMUM DAILY, 1 87 ON JUL 25
MAXIMUM INSTANTANEOUS,
180 AT 17 00 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 16 59 N
LONG 66 44 15 W
DRAINAGE AREA, 861 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 500	JUL	10 800
FEB	7 470	AUG	27 300
MAR	21 000	SEP	23 200
APR	118 000	OCT	24 100
MAY	130 000	NOV	66 700
JUN	20 700	DEC	13 000

TOTAL DISCHARGE, 462 000 dam³

NEPISIGUIT RIVER AT NEPISIGUIT FALLS - STATION NO 01BK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14 4	9 78	7 08	14 7	88 0	80 8	16 4	13 8	27 3	14 7	13 8	17 5	1
2	14 4	9 34	7 08	13 3	103	80 8	16 1	13 0	37 1	16 1	16 7	16 9	2
3	14 4	9 08	7 08	15 8	134	50 7	15 8	13 2	36 8	18 4	12 8	16 9	3
4	13 9	8 20	7 85	13 3	131	46 7	17 8	12 7	32 0	14 5	13 9	16 1	4
5	12 7	8 80	8 80	15 3	173	45 0	19 8	18 1	28 3	14 8	12 7	17 8	5
6	13 3	7 83	8 80	25 8	156	37 8	17 8	33 4	24 8	14 8	13 8	15 9	6
7	11 0	7 83	7 08	44 4	188	37 4	17 5	34 8	24 4	14 5	14 2	32 1	7
8	12 8	8 78	8 78	51 4	170	34 0	17 5	28 3	22 7	14 5	14 4	18 3	8
9	13 0	8 78	8 51	59 7	161	32 6	16 7	30 3	22 4	14 8	15 4	17 5	9
10	13 9	8 21	8 80	59 7	154	31 7	16 7	30 6	21 2	14 8	28 9	15 3	10
11	13 9	8 80	8 51	54 4	138	41 1	23 1	18 5	21 0	13 3	25 1	18 1	11
12	11 4	8 21	8 51	53 5	136	41 3	21 9	17 8	21 0	13 8	20 7	17 0	12
13	12 5	8 21	8 51	53 5	138	38 2	27 9	28 7	21 0	14 8	18 1	17 0	13
14	12 5	8 21	8 80	53 5	138	32 0	21 8	103	19 3	13 2	18 7	16 4	14
15	11 5	8 21	8 51	48 3	121	30 0	22 1	101	19 5	13 2	21 8	18 3	15
16	11 0	8 21	8 80	48 3	113	31 1	22 1	53 8	21 0	13 5	23 8	18 1	16
17	11 5	8 21	8 20	48 3	110	34 3	18 7	47 9	18 4	13 2	38 5	17 8	17
18	11 5	8 80	8 78	47 3	90 3	28 7	17 8	45 9	20 4	14 4	40 2	17 8	18
19	10 5	8 86	8 78	47 3	83 5	27 8	17 0	41 6	18 4	13 8	32 3	17 0	19
20	11 0	7 08	7 83	53 5	83 3	26 9	16 9	37 9	17 8	12 2	24 9	16 9	20
21	10 8	7 08	7 85	49 3	81 6	26 5	16 7	37 9	17 8	13 0	29 4	16 9	21
22	9 83	8 86	7 85	47 8	74 8	22 1	16 4	37 9	17 0	14 2	30 7	16 8	22
23	9 34	7 08	7 85	42 5	55 8	20 4	14 2	36 4	16 7	16 4	18 5	16 8	23
24	9 34	8 86	7 08	48 7	83 1	20 1	13 8	33 1	17 8	13 3	16 4	16 8	24
25	10 9	7 35	7 85	45 8	88 5	20 1	13 8	31 1	16 7	10 2	15 9	15 3	25
26	9 81	7 08	7 85	45 0	86 1	18 3	13 8	28 5	15 3	11 8	20 4	14 7	26
27	9 81	8 07	7 85	44 7	86 8	18 3	12 8	26 8	14 7	12 0	22 7	14 7	27
28	9 81	7 08	8 07	39 8	86 4	16 4	15 4	25 8	16 4	11 8	21 8	14 7	28
29	9 34		8 21	43 8	84 8	17 8	24 8	25 8	15 8	11 0	22 8	13 8	29
30	9 34		13 0	80 6	81 0	18 7	19 8	24 4	14 7	11 0	17 8	13 8	30
31	9 34		14 4		43 3		16 8	39 9		10 8		13 0	31
TOTAL	358 88	222 72	240 87	1 303 8	3 220 3	867 8	558 4	1 058 8	639 2	422 4	827 8	516 3	TOTA
MEAN	11 6	7 95	7 78	43 5	104	32 3	17 8	34 2	21 3	13 8	20 8	16 7	MEAN
MAX	14 4	9 34	14 4	61 4	173	80 8	27 8	103	38 8	18 4	40 2	32 1	MAX
MIN	9 34	8 80	8 51	13 3	43 3	18 7	12 8	12 2	14 7	10 2	12 7	13 0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27 8
MAXIMUM DAILY, 173 ON MAY 5
MINIMUM DAILY, 8 51 ON MAR 5

DATA CONTRIBUTED BY -
CONSOLIDATED-BATHURST COMPANY LIMITED

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 24 24 N
LONG 65 47 42 W
DRAINAGE AREA, 1 840 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 000	JUL	48 100
FEB	18 200	AUG	81 600
MAR	20 800	SEP	55 200
APR	113 000	OCT	35 500
MAY	278 000	NOV	64 300
JUN	83 800	DEC	44 800

TOTAL DISCHARGE, 876 000 dam³

NEREPIS RIVER NEAR FOWLERS CORNER - STATION NO. 01AP005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.950B	0.850B	1.42 B	5.48	8.08	2.45	0.889	0.529	0.381	0.837	12.7	4.208	1
2	0.900B	4.20 B	1.28 B	8.07	16.9	2.10	0.677	0.388	0.870	0.646	8.35	3.858	2
3	0.830B	2.75 B	1.10 B	13.8	45.1	1.82	0.720	0.316	1.00	0.693	5.13	3.688	3
4	0.770B	1.70 B	1.00 B	37.6	31.3	1.74	0.666	0.300	0.620	1.04	5.53	3.368	4
5	0.720B	1.00 B	0.910B	32.5	12.9	1.82	0.578	15.4	0.482	0.834	4.34	3.200	5
6	0.670B	0.800B	0.820B	43.1	17.0	1.52	0.643	38.4	0.428	0.724	3.56	3.008	6
7	0.620B	0.885	0.745B	58.7	88.9	2.83	0.502	8.82	0.381	0.752	4.84	3.428	7
8	0.800B	0.587	0.705B	17.5	32.7	4.40	0.633	5.18	0.376	0.829	3.80	3.808	8
9	4.80 B	0.514	0.665B	8.71	19.0	11.5	0.525	4.03	0.342	0.785	8.12	3.288	9
10	2.00 B	0.503	0.630B	12.3	13.3	5.59	0.487	2.85	0.302	0.886	24.3	3.008	10
11	1.20 B	0.540B	0.600B	18.3	19.2	9.85	1.77	1.73	0.283	0.883	14.0	2.768	11
12	0.675B	0.510B	0.580B	14.7	20.4	7.54	1.24	3.08	0.287	0.572	9.54	2.538	12
13	0.580B	0.480B	0.560B	11.8	28.3	4.26	0.838	5.89	0.292	0.553	6.31	2.408	13
14	0.470B	0.470B	0.820B	9.80	37.1	3.10	0.611	3.86	0.285	0.628	5.29	2.238	14
15	1.50 B	0.740B	30.7	8.81	19.7	2.31	0.548	4.36	0.845	0.502	6.37	2.188	15
16	4.40 B	0.660B	29.1	9.80	13.0	3.04	0.488	2.61	1.05	0.484	10.8	2.108	16
17	1.50 B	0.810B	11.7	15.3	9.74	5.21	0.400	1.91	0.784	0.484	32.2	2.028	17
18	1.30 B	0.550B	8.85	10.4	7.88	3.75	0.370	1.37	0.648	0.573	15.2	1.958	18
19	1.06 B	0.520B	2.80 B	9.51	6.52	2.88	0.340	1.05	0.573	0.615	9.52	1.808	19
20	0.900B	0.480B	1.81 B	10.7	5.67	2.78	0.318	0.852	0.663	0.822	7.27	1.818	20
21	2.88 B	1.00 B	1.50 B	8.01	5.00	2.08	0.292	0.777	0.835	5.56	5.858	1.738	21
22	1.60 B	79.5	1.35 B	10.0	4.62	1.86	0.288	0.753	0.814	8.76	5.008	1.858	22
23	1.50 B	19.9	1.20 B	10.2	4.25	1.32	0.241	0.717	0.707	3.37	4.858	1.808	23
24	1.10 B	3.45 B	1.04 B	10.5	3.80	1.21	0.228	0.790	0.783	2.21	4.108	1.538	24
25	0.920B	2.75 B	0.870B	10.9	4.88	1.14	0.204	0.878	0.831	1.75	3.768	1.508	25
26	0.830B	2.50 B	1.25 B	8.32	4.18	1.05	0.194	0.530	0.748	1.43	3.458	1.448	26
27	0.780B	2.26 B	3.00 B	7.83	4.06	0.974	0.359	0.488	1.40	1.29	3.188	1.408	27
28	0.710B	2.15 B	65.0	7.38	4.73	0.886	0.991	0.438	1.15	1.23	3.808	1.358	28
29	0.650B		62.8	7.24	3.48	0.801	4.74	0.418	0.803	1.18	5.208	1.308	29
30	0.800B		13.7	7.83	2.84	0.848	1.41	0.408	0.778	1.10	4.808	1.298	30
31	0.850B		8.01		2.89		0.781	0.430		1.05		1.288	31
TOTAL	39.488	132.890	251.285	434.89	488.00	82.990	22.855	107.071	20.209	39.883	242.52	72.85	TOTAL
MEAN	1.27	4.74	8.11	14.5	15.7	3.10	0.728	3.45	0.674	1.29	8.08	2.34	MEAN
MAX	4.80	79.5	65.0	58.7	88.9	11.5	4.74	38.4	1.40	8.76	32.2	4.20	MAX
MIN	0.470	0.470	0.560	5.48	2.84	0.848	0.194	0.300	0.292	0.484	3.15	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.33
MAXIMUM DAILY, 88.9 ON MAY 7
MINIMUM DAILY, 0.194 ON JUL 26
MAXIMUM INSTANTANEOUS,
152 AT 08.37 AST ON FEB 22

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 08 N
LONG 66 19 14 W
DRAINAGE AREA, 283 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 410	JUL	1 850
FEB	11 500	AUG	9 250
MAR	21 700	SEP	1 750
APR	37 600	OCT	3 450
MAY	42 200	NOV	21 000
JUN	8 030	DEC	9 280

TOTAL DISCHARGE, 166 000 dam³

NIGADOO RIVER NEAR ALCIDA - STATION NO. 01BJ011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.660B	0.350B	0.298B	1.38B	15.8	1.76	0.418	0.420	0.521	0.245	0.382	0.830B	1
2	0.850B	0.340B	0.290B	1.30B	20.3	2.24	0.488	0.385	1.20	0.256	0.431	0.820B	2
3	0.620B	0.335B	0.285B	1.24B	48.3	2.00	0.533	0.341	1.00	0.281	0.407	0.800B	3
4	0.610B	0.325B	0.280B	1.18B	27.2	1.88	0.512	0.350	0.747	0.288	0.528	0.780B	4
5	0.600B	0.320B	0.275B	1.17B	16.7	1.88	0.493	0.445	0.836	0.277	0.4688	0.570B	5
6	0.590B	0.315B	0.270B	1.88B	15.1	1.42	0.421	0.814	0.525	0.289	0.4388	0.980B	6
7	0.580B	0.310B	0.265B	2.40B	15.4	1.28	0.378	0.858	0.462	0.285	0.418	0.540B	7
8	0.570B	0.302B	0.282B	4.40B	15.0	1.19	0.382	0.847	0.453	0.322	0.404	0.530B	8
9	0.560B	0.300B	0.258B	4.20B	13.8	1.02	0.363	0.842	0.450	0.313	0.517	0.510B	9
10	0.610B	0.293B	0.252B	4.00B	10.2	0.873	0.391	0.818	0.418	0.287	1.05	0.500B	10
11	0.590B	0.280B	0.250B	4.20B	8.88	2.00	3.70	0.440	0.389	0.283	0.812	0.480B	11
12	0.570B	0.262B	0.247B	5.40B	9.72	4.10	5.59	0.405	0.350	0.295	0.743	0.480B	12
13	0.550B	0.276B	0.245B	7.00B	8.07	1.88	2.87	0.524	0.333	0.282	0.804	0.470B	13
14	0.530B	0.276B	0.240B	7.80B	6.84	1.36	1.80	1.39	0.308	0.299	1.18	0.460B	14
15	0.510B	0.270B	0.270B	8.00B	6.56	1.19	1.34	0.923	0.308	0.275	1.18	0.460B	15
16	0.500B	0.268B	0.320B	7.38	5.71	1.14	1.08	0.789	0.315	0.253	1.38	0.440B	16
17	0.480B	0.265B	0.410B	7.24	5.07	1.08	0.887	0.770	0.301	0.431	1.89	0.430B	17
18	0.460B	0.260B	0.540B	6.38	4.32	1.08	0.786	0.812	0.309	0.382	1.88	0.430B	18
19	0.440B	0.258B	0.780B	5.53	3.78	0.885	0.672	0.488	0.289	0.315	1.39	0.410B	19
20	0.430B	0.285B	0.700B	5.08	3.42	0.929	0.613	0.444	0.304	0.339	1.12	0.410B	20
21	0.410B	0.310B	0.640B	5.84	3.10	0.814	0.542	0.423	0.289	0.334	0.9908	0.410B	21
22	0.400B	0.336B	0.480B	5.73	2.88	0.768	0.531	0.488	0.300	0.380	0.9208	0.400B	22
23	0.380B	0.358B	0.420B	5.73	2.70	0.883	0.483	0.748	0.292	0.334	0.8808	0.380B	23
24	0.380B	0.338B	0.380B	5.58	2.51	0.873	0.436	0.728	0.295	0.334	0.8208	0.365B	24
25	0.370B	0.325B	0.480B	5.00	2.41	0.687	0.442	0.550	0.280	0.286	0.7808	0.380B	25
26	0.360B	0.320B	0.730B	5.00	2.27	0.804	0.478	0.458	0.271	0.272	0.7508	0.375B	26
27	0.350B	0.315B	0.830B	5.87	2.10	0.547	0.408	0.410	0.285	0.257	0.7208	0.370B	27
28	0.340B	0.310B	0.960B	5.83	1.87	0.520	0.508	0.385	0.284	0.268	0.8908	0.360B	28
29	0.335B		1.20 B	8.17	1.73	0.473	0.725	0.368	0.282	0.284	0.8708	0.360B	29
30	0.330B		1.25 B	12.4	1.69	0.403	0.808	0.360	0.258	0.271	0.8508	0.355B	30
31	0.324B		1.38 B		1.61		0.493	0.851		0.261		0.350B	31
TOTAL	15.089	8.528	15.317	155.28	285.83	35.000	29.270	17.548	12.413	9.128	25.293	14.245	TOTAL
MEAN	0.487	0.305	0.494	5.18	9.21	1.17	0.944	0.566	0.414	0.294	0.842	0.460	MEAN
MAX	0.660	0.355	1.38	12.4	48.3	4.10	5.59	1.39	1.20	0.431	1.89	0.830	MAX
MIN	0.324	0.258	0.240	1.17	1.61	0.403	0.382	0.350	0.258	0.245	0.382	0.350	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.71
MAXIMUM DAILY, 48.3 ON MAY 3
MINIMUM DAILY, 0.240B ON MAR 14
MAXIMUM INSTANTANEOUS,
57.0 AT 08.31 AST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 24 N
LONG 65 43 47 W
DRAINAGE AREA, 123 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 300	JUL	2 530
FEB	737	AUG	1 520
MAR	1 320	SEP	1 070
APR	13 400	OCT	788
MAY	24 700	NOV	2 180
JUN	3 020	DEC	1 230

TOTAL DISCHARGE, 53 800 dam³

NEW BRUNSWICK

NORTH BRANCH OROMOCTO RIVER AT TRACY - STATION NO. 01AM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.808	1.668	3.188	4.808	27.0	7.81	2.89	1.35	1.87	2.18	7.13	9.108	1
2	2.688	1.628	3.028	3.008	41.0	7.13	1.78	1.31	3.89	1.72	13.8	7.808	2
3	2.508	1.588	2.708	2.108	120	8.87	1.84	1.23	4.18	1.87	10.8	7.708	3
4	2.328	1.528	2.508	2.708	84.2	8.80	1.83	1.24	3.43	2.03	11.5	7.508	4
5	2.138	1.488	2.308	8.008	47.6	8.38	1.73	14.8	2.88	1.99	9.98	7.308	5
6	2.008	1.448	2.188	130	34.8	8.98	1.80	58.4	2.53	1.91	8.38	7.108	6
7	1.898	1.408	2.088	178	85.3	8.82	1.83	34.3	2.20	1.82	8.58	6.808	7
8	1.788	1.388	2.008	88.3	62.6	8.22	1.48	41.1	1.87	1.76	7.67	6.708	8
9	1.708	1.388	1.808	45.6	48.1	9.82	1.42	30.3	1.88	1.70	10.3	6.508	9
10	2.208	1.388	1.858	40.8	32.7	8.98	1.84	17.8	1.74	1.87	23.2	6.388	10
11	2.088	1.338	1.788	40.8	42.2	13.4	5.84	11.4	1.88	1.48	20.7	8.158	11
12	1.828	1.318	1.718	36.5	51.7	13.8	8.07	8.88	1.83	1.38	16.3	6.008	12
13	1.758	1.308	1.888	29.7	49.0	10.8	4.81	10.7	1.87	1.34	12.8	5.858	13
14	1.638	1.348	2.128	28.3	54.4	8.33	3.37	18.8	1.45	1.28	10.2	5.708	14
15	1.548	1.418	2.708	27.8	43.4	8.93	2.84	17.8	1.81	1.24	10.2	5.808	15
16	1.888	1.458	8.008	28.8	28.3	7.14	2.28	14.8	1.78	1.28	18.8	5.488	16
17	1.808	1.488	8.408	38.8	21.7	10.1	2.21	11.7	1.71	1.71	26.4	5.358	17
18	1.688	1.458	7.408	38.4	17.8	10.1	2.12	8.44	1.81	1.30	23.7	5.208	18
19	1.598	1.418	6.808	30.8	15.1	10.8	1.88	2.38	1.80	1.34	17.1	5.108	19
20	1.508	1.408	7.208	30.3	12.1	8.48	1.87	5.28	1.87	1.33	13.1	5.008	20
21	1.688	2.708	6.808	30.0	12.3	8.57	1.75	4.80	2.08	8.02	11.1	4.858	21
22	1.788	6.408	6.208	28.8	12.2	4.80	1.58	4.80	2.18	10.1	9.85	4.728	22
23	1.588	5.808	5.618	26.8	11.5	4.22	1.43	4.48	2.05	8.46	9.308	4.608	23
24	1.428	5.008	5.408	25.5	10.8	4.18	1.25	4.54	2.30	6.74	8.708	4.488	24
25	1.328	4.808	5.008	27.2	10.8	3.98	1.14	3.85	2.57	5.53	8.108	4.408	25
26	1.308	4.208	5.108	25.4	10.5	3.57	1.10	3.12	2.15	4.72	7.808	4.308	26
27	1.798	3.858	5.808	25.0	11.1	3.13	1.06	2.89	3.04	4.23	7.208	4.208	27
28	1.708	3.508	6.808	25.2	11.3	2.96	1.05	2.42	2.91	3.99	8.208	4.108	28
29	1.508		14.0 E	25.8	10.3	3.06	1.37	2.17	2.46	3.48	9.008	4.058	29
30	1.408		26.0 E	27.1	9.36	2.81	1.51	2.12	2.29	3.17	8.558	4.018	30
31	1.588		54.0 E		8.53		1.55	2.03		2.81		4.008	31
TOTAL	56.38	54.67	212.71	1 109.10	1 027.48	210.77	85.09	351.00	66.53	89.88	384.53	175.18	TOTAL
MEAN	1.82	2.31	6.86	37.0	33.1	7.03	2.10	11.3	2.22	2.90	12.3	5.65	MEAN
MAX	2.80	6.40	54.0	178	120	13.8	8.07	58.4	4.18	10.1	28.4	8.10	MAX
MIN	1.30	1.30	1.58	2.10	8.53	2.81	1.06	1.23	1.45	1.21	7.13	4.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 178 ON APR 7
MINIMUM DAILY, 1.06 ON JUL 28
MAXIMUM INSTANTANEOUS,
188 AT 06:00 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 25 N
LONG 66 40 58 W
DRAINAGE AREA, 857 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 870	JUL	5 520
FEB	5 590	AUG	30 300
MAR	18 400	SEP	5 760
APR	95 800	OCT	7 770
MAY	88 800	NOV	31 800
JUN	18 200	DEC	15 100

TOTAL DISCHARGE, 328 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "NORTHWEST OROMOCTO RIVER AT TRACY" TO 1985

NORTHWEST MIRAMICHI RIVER AT TROUT BROOK - STATION NO. 01BQ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	7.388	1
2	---	---	---	---	---	---	---	---	---	---	---	6.628	2
3	---	---	---	---	---	---	---	---	---	---	---	6.488	3
4	---	---	---	---	---	---	---	---	---	---	---	6.188	4
5	---	---	---	---	---	---	---	---	---	---	---	5.758	5
6	---	---	---	---	---	---	---	---	---	---	---	5.478	6
7	---	---	---	---	---	---	---	---	---	---	---	5.228	7
8	---	---	---	---	---	---	---	---	---	---	---	4.988	8
9	---	---	---	---	---	---	---	---	---	---	---	4.778	9
10	---	---	---	---	---	---	---	---	---	---	---	4.578	10
11	---	---	---	---	---	---	---	---	---	---	---	4.408	11
12	---	---	---	---	---	---	---	---	---	---	---	4.248	12
13	---	---	---	---	---	---	---	---	---	---	---	4.128	13
14	---	---	---	---	---	---	---	---	---	---	---	3.988	14
15	---	---	---	---	---	---	---	---	---	---	---	3.838	15
16	---	---	---	---	---	---	---	---	---	---	---	3.728	16
17	---	---	---	---	---	---	---	---	---	---	---	3.608	17
18	---	---	---	---	---	---	---	---	---	---	---	3.508	18
19	---	---	---	---	---	---	---	---	---	---	---	3.428	19
20	---	---	---	---	---	---	---	---	---	---	---	3.358	20
21	---	---	---	---	---	---	---	---	---	---	---	3.238	21
22	---	---	---	---	---	---	---	---	---	---	---	3.158	22
23	---	---	---	---	---	---	---	---	---	---	---	3.078	23
24	---	---	---	---	---	---	---	---	---	---	---	3.008	24
25	---	---	---	---	---	---	---	---	---	---	---	2.938	25
26	---	---	---	---	---	---	---	---	---	---	---	2.868	26
27	---	---	---	---	---	---	---	---	---	---	---	2.798	27
28	---	---	---	---	---	---	---	---	---	---	---	3.728	28
29	---		---	---	---	---	---	---	---	---	---	2.658	29
30	---		---	---	---	---	---	---	---	---	---	2.588	30
31	---		---		---		---	---		---		3.528	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	127.23	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	4.10	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	7.35	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	2.52	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
188 AT 23:33 AST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 05 41 N
LONG 65 50 14 W
DRAINAGE AREA, 948 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	11 000

PARLEE BROOK BELOW ARNOLDS BRIDGE - STATION NO 01AP008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	0.084	0.107	0.735	0.7208	1
2	---	---	---	---	---	---	---	---	0.181	0.108	0.467	0.8308	2
3	---	---	---	---	---	---	---	---	0.103	0.228A	0.372	0.8608	3
4	---	---	---	---	---	---	---	---	0.088	0.287A	0.457	0.8208	4
5	---	---	---	---	---	---	---	---	0.082	0.438	0.359	0.4988	5
6	---	---	---	---	---	---	---	---	0.078	0.440	0.348	0.4708	6
7	---	---	---	---	---	---	---	---	0.076	0.410	0.525	0.4488	7
8	---	---	---	---	---	---	---	---	0.076	0.435	0.416	0.4258	8
9	---	---	---	---	---	---	---	---	0.073	0.448	1.28	0.4085	9
10	---	---	---	---	---	---	---	---	0.071	0.445	5.18	0.3838	10
11	---	---	---	---	---	---	---	---	0.070	0.453	2.84	0.3628	11
12	---	---	---	---	---	---	---	---	0.087	0.437	2.00	0.3428	12
13	---	---	---	---	---	---	---	---	0.082	0.438	1.44	0.3288	13
14	---	---	---	---	---	---	---	---	0.088	0.445	1.25	0.3138	14
15	---	---	---	---	---	---	---	---	0.184	0.453	1.28	0.3008	15
16	---	---	---	---	---	---	---	---	0.108	0.451	2.00	0.2888	16
17	---	---	---	---	---	---	---	---	0.124	0.314	3.49	0.2768	17
18	---	---	---	---	---	---	---	0.095	0.113	0.203	2.55	0.2688	18
19	---	---	---	---	---	---	---	0.088	0.084	0.188	1.85	0.2508	19
20	---	---	---	---	---	---	---	0.081	0.087	0.189	1.58	0.257	20
21	---	---	---	---	---	---	---	0.074	0.090	0.273	1.12	0.237	21
22	---	---	---	---	---	---	---	0.078	0.088	0.204	0.967	0.2308	22
23	---	---	---	---	---	---	---	0.077	0.133	0.180	0.8408	0.2228	23
24	---	---	---	---	---	---	---	0.084	0.118	0.165	0.7108	0.2178	24
25	---	---	---	---	---	---	---	0.088	0.131	0.158	0.884	0.2108	25
26	---	---	---	---	---	---	---	0.079	0.201	0.182	0.573	0.2058	26
27	---	---	---	---	---	---	---	0.077	0.137	0.148	0.8208	0.2018	27
28	---	---	---	---	---	---	---	0.078	0.128	0.147	0.675	0.1988	28
29	---	---	---	---	---	---	---	0.078	0.115	0.142	0.8508	0.1928	29
30	---	---	---	---	---	---	---	0.081		0.138		0.1928	30
31	---	---	---	---	---	---	---					0.1918	31
TOTAL	---	---	---	---	---	---	---	---	3.108	8.884	38.118	10.389	TOTAL
MEAN	---	---	---	---	---	---	---	---	0.104	0.287	1.30	0.335	MEAN
MAX	---	---	---	---	---	---	---	---	0.201	0.453	5.18	0.720	MAX
MIN	---	---	---	---	---	---	---	---	0.059	0.108	0.348	0.181	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 21 N
LONG 65 25 05 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	268
APR	---	OCT	788
MAY	---	NOV	3 360
JUN	---	DEC	868

PETITCODIAC RIVER NEAR PETITCODIAC - STATION NO. 01BU002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.15 B	1.20 B	4.00 B	9.03	8.58	2.61	0.867	0.881	0.559	0.774	0.721	3.728	1
2	2.80 B	1.72 B	3.40 B	7.81	11.2	2.32	0.923	0.708	0.984	0.673	0.854	2.808	2
3	2.85 B	1.53 B	2.80 B	10.2	46.7	2.12	1.10	0.841	0.818	0.706	0.788	2.508	3
4	2.50 B	1.32 B	2.50 B	17.1	35.6	1.83	0.941	0.834	0.844	1.87	1.07	2.408	4
5	2.32 B	1.18 B	2.10 B	28.1	17.7	1.78	0.840	C.824	0.733	2.24	1.11	3.328	5
6	2.20 B	1.01 B	1.82 B	40.5	12.6	1.53	0.735	12.2	0.826	1.43	1.08	2.238	6
7	2.08 B	0.900B	1.82 B	88.7	13.4	1.70	0.871	17.8	0.843	1.32	1.08	2.188	7
8	2.70 B	0.810B	1.45 B	42.1	13.6	2.23	0.811	9.62	0.503	1.25	1.07	2.088	8
9	3.15 B	0.750B	1.30 B	17.8	12.2	4.29	0.776	4.88	0.488	1.12	1.48	2.008	9
10	2.74 B	0.690B	1.20 B	14.8	10.2	3.35	0.711	3.08	0.465	0.962	11.1	1.928	10
11	2.35 B	0.650B	1.05 B	14.5	10.3	4.26	1.14	1.81	0.488	0.863	10.7	1.868	11
12	2.18 B	0.630B	1.02 B	12.8	10.7	4.70	3.17	1.43	0.456	0.774	7.21	1.788	12
13	2.80 B	0.610B	0.987B	10.7	10.1	4.62	2.55	1.26	0.434	0.712	5.08	1.728	13
14	3.30 B	0.590B	1.10 B	10.3	8.79	3.02	1.38	1.32	0.422	0.893	3.97	1.688	14
15	3.90 B	0.710B	9.00 B	9.31	8.46	2.13	1.00	1.32	0.784	0.828	6.86	1.828	15
16	4.40 B	0.900B	25.0 B	9.26	8.31	2.27	0.832	1.08	1.05	0.811	11.1	1.888	16
17	3.40 B	0.810B	17.0 B	12.0	7.10	2.86	0.886	0.843	0.857	0.893	13.4	1.928	17
18	2.80 B	0.710B	10.0 B	13.1	8.08	3.02	0.801	0.846	1.09	0.852	9.19	1.488	18
19	2.52 B	0.620B	8.50 B	11.3	5.00	3.00	0.558	0.738	0.831	0.771	8.28	1.418	19
20	2.20 B	0.550B	8.20 B	11.8	4.82	2.33	0.499	0.849	0.855	0.816	6.50	1.388	20
21	1.90 B	2.00 B	3.80 B	10.8	4.18	1.78	0.474	0.817	0.880	0.755	3.40	1.328	21
22	1.70 B	52.0 B	3.10 B	9.61	3.87	1.40	0.484	0.758	0.850	0.858	2.82 B	1.288	22
23	1.53 B	37.5	2.80 B	8.70	3.37	1.18	0.420	0.898	0.860	0.825	2.85 B	1.258	23
24	1.45 B	17.7	2.20 B	8.80	3.01	1.08	0.401	1.07	0.833	0.838	2.38 B	1.228	24
25	1.32 B	12.0 B	1.85 B	9.35	3.10	1.08	0.385	1.01	0.858	0.803	2.28 B	1.208	25
26	1.24 B	8.00 B	1.71 B	10.5	4.04	1.04	0.382	0.872	0.802	0.738	2.14 B	1.188	26
27	1.16 B	7.20 B	2.85 B	10.2	5.34	1.08	0.387	0.746	1.11	0.705	2.02 B	1.138	27
28	1.09 B	6.20 B	45.0 B	9.08	5.86	1.08	0.783	0.852	1.12	0.648	2.00 B	1.118	28
29	1.02 B		72.7	8.34	4.81	1.08	1.85	0.828	1.04	0.863	3.10 B	1.108	29
30	0.980B		46.1	8.45	3.88	0.918	2.27	0.882	0.870	0.882	2.89 B	1.088	30
31	0.940B		17.7		3.03		1.18	0.899		0.703		1.078	31
TOTAL	70.470	181.890	298.787	484.84	307.11	88.388	29.877	70.787	23.438	27.407	123.871	51.93	TOTAL
MEAN	2.27	5.78	9.64	15.5	9.91	2.31	0.964	2.28	0.781	0.884	4.13	1.68	MEAN
MAX	4.40	52.0	72.7	88.7	46.7	4.70	3.17	17.8	1.12	2.24	13.4	3.72	MAX
MIN	0.940	0.550	0.887	7.81	3.01	0.918	0.382	0.534	0.422	0.583	0.721	1.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.86
MAXIMUM DAILY, 72.7 ON MAR 29
MINIMUM DAILY, 0.382 ON JUL 26
MAXIMUM INSTANTANEOUS,
84.8 AT 20:55 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 37 N
LONG 65 10 13 W
DRAINAGE AREA, 391 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 080	JUL	2 580
FEB	14 000	AUG	5 110
MAR	25 800	SEP	2 030
APR	40 100	OCT	2 370
MAY	25 500	NOV	10 700
JUN	5 990	DEC	4 490

TOTAL DISCHARGE, 147 000 dam³

PISKAHEGAN STREAM NEAR PLEASANT MOUNTAIN - STATION NO. 01AQ006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.740 B	0.500 B	0.940 B	15.0 B	8.86	2.53	0.604	0.330	0.373	0.837	5.00	3.80 B	1
2	0.680 B	0.570 B	0.870 B	10.0 B	13.5	2.64	0.576	0.288	1.10	0.889	9.17	3.25 B	2
3	0.580 B	0.510 B	0.800 B	8.80 B	35.9	2.35	0.558	0.255	1.17	1.12	7.76	3.00 B	3
4	0.510 B	0.472 B	0.750 B	9.00 B	31.7	2.12	0.516	0.267	1.19	1.35	7.04	2.75 B	4
5	0.445 B	0.440 B	0.700 B	27.7 A	21.0	1.88	0.487	2.02	1.08	1.13	5.94	2.62 B	5
6	0.400 B	0.405 B	0.650 B	60.0 A	15.1	1.86	0.467	4.99	0.679	1.08	5.17	2.60 B	6
7	0.355 B	0.380 B	0.610 B	82.3	30.2	2.52	0.437	5.90	0.708	1.03	5.28	2.80 B	7
8	0.420 B	0.355 B	0.580 B	49.0	31.0	3.22	0.405	8.27	0.600	0.930	4.78	3.00 B	8
9	0.600 B	0.342 B	0.550 B	27.1	23.6	5.58	0.336	9.44	0.526	0.828	5.80	2.85 B	9
10	0.510 B	0.322 B	0.530 B	16.6	15.8	5.62	0.383	7.73	0.485	0.717	8.43	2.42 B	10
11	0.434 B	0.305 B	0.505 B	13.5	16.7	7.57	1.04	5.12	0.419	0.651	9.94	2.23 B	11
12	0.390 B	0.285 B	0.480 B	11.2	23.3	7.06	1.10	4.33	0.381	0.627	6.65	2.00 B	12
13	0.380 B	0.280 B	0.465 B	9.66	22.3	5.46	1.06	5.62	0.332	0.620	7.03	1.89 B	13
14	0.340 B	0.320 B	0.445 B	8.28	27.7	4.17	0.889	5.69	0.280	0.694	8.11	1.76 B	14
15	0.440 B	0.370 B	0.820 B	6.72	26.8	3.25	0.785	5.79	0.456	0.573	5.84	1.76	15
16	0.660 B	0.340 B	1.70 B	9.18	18.0	3.34	0.688	4.84	0.513	0.641	7.12	1.86	16
17	0.510 B	0.320 B	3.50 B	10.7	11.9	4.61	0.620	3.58	0.484	0.641	11.8	1.61	17
18	0.460 B	0.310 B	3.00 B	10.6	9.03	4.82	0.463	2.76	0.497	0.648	12.0	1.57	18
19	0.450 B	0.302 B	2.85 B	9.28	7.44	5.87	0.416	2.08	0.488	0.551	8.63	1.53	19
20	0.430 B	0.300 B	2.45 B	9.06	6.32	4.86	0.375	1.53	0.585	0.562	7.82	1.49	20
21	0.620 B	0.440 B	2.30 B	9.20	5.45	3.71	0.313	1.30	0.741	3.49	6.86	1.45	21
22	0.562 B	1.80 B	2.00 B	8.82	5.08	2.74	0.259	1.19	0.881	6.61	4.85	1.36	22
23	0.530 B	1.70 B	1.82 B	7.74	4.87	2.16	0.218	1.08	0.856	6.32	5.28	1.33	23
24	0.502 B	1.55 B	1.66 B	7.11	4.18	1.80	0.188	1.01	0.965	4.91	5.25	1.26	24
25	0.480 B	1.45 B	1.53 B	7.57	4.60	1.50	0.172	0.816	1.01	3.76	4.16	1.18	25
26	0.648 B	1.35 B	1.54 B	7.48	4.16	1.31	0.155	0.670	0.889	3.05	3.86	1.09	26
27	0.600 B	1.25 B	1.62 B	7.43	5.42	1.12	0.150	0.602	1.33	2.58	3.34	1.07	27
28	0.550 B	1.12 B	1.85 B	7.75	5.54	0.871	0.251	0.561	1.22	2.29	3.23	1.02	28
29	0.505 B		2.40 B	7.82	4.56	0.837	0.510	0.467	1.12	1.97	3.60 B	0.998	29
30	0.475 B		4.40 B	6.45	3.70	0.687	0.368	0.480	1.02	1.72	3.85 B	0.952	30
31	0.480 B		17.0 B		3.26		0.343	0.432		1.84		0.880	31
TOTAL	15.553	18.278	61.045	463.61	444.66	100.645	14.953	89.105	22.209	53.756	194.30	55.800	TOTAL
MEAN	0.502	0.653	1.97	15.5	14.3	3.35	0.482	2.87	0.740	1.73	6.48	1.80	MEAN
MAX	0.740	1.80	17.0	82.3	35.9	7.57	1.10	9.44	1.33	6.61	12.0	3.80	MAX
MIN	0.340	0.280	0.445	6.60	3.26	0.687	0.150	0.255	0.280	0.541	3.23	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.21
MAXIMUM DAILY, 82.3 ON APR 7
MINIMUM DAILY, 0.150 ON JUL 27
MAXIMUM INSTANTANEOUS,
124E AT 19:38 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 25 05 N
LONG 66 53 13 W
DRAINAGE AREA, 187 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 340	JUL	1 280
FEB	1 580	AUG	7 700
MAR	5 270	SEP	1 920
APR	40 100	OCT	4 640
MAY	38 400	NOV	16 800
JUN	8 700	DEC	5 060

TOTAL DISCHARGE, 133 000 dam^3

REMARKS - PRIOR TO 1985 PUBLISHED AS "PISKAHEGAN RIVER". THE E FOR DISCHARGE ABOVE 113 IS DUE TO CURVE EXTENSION

POINT WOLFE RIVER AT FUNDY NATIONAL PARK - STATION NO. 01BV006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.84 B	1.12 B	4.00 B	5.63	14.5	1.73	0.788	0.337	0.385	1.21	5.43	6.60 B	1
2	2.68 B	1.50 B	3.70 B	5.66	19.2	1.86	0.778	0.288	2.68	1.16	4.98	5.30 B	2
3	2.50 B	1.40 B	3.40 B	4.75	54.1	1.60	0.988	0.283	1.40	10.9	3.13	4.45 B	3
4	2.38 B	1.25 B	3.10 B	5.06	21.5	1.47	0.887	0.247	0.789	8.84	3.10	3.95 B	4
5	2.24 B	1.16 B	2.90 B	13.4	16.5	1.37	0.718	0.384	0.538	4.44	2.67	3.60 B	5
6	2.12 B	1.08 B	2.75 B	25.0	13.1	1.32	0.688	1.02	0.386	3.70	2.48	3.40 B	6
7	2.00 B	1.03 B	2.55 B	54.0	37.8	1.37	0.647	1.13	0.402	3.84	6.00	4.62 B	7
8	2.60 B	0.940 B	2.40 B	22.9	21.5	1.87	0.642	1.22	0.342	3.06	4.09	4.20 B	8
9	3.30 B	0.880 B	2.22 B	13.0	14.7	3.87	0.704	1.35	0.315	2.78	13.2	3.80 B	9
10	2.62 B	0.820 B	2.12 B	10.4	11.2	2.41	0.878	0.614	0.303	2.42	49.1	3.65 B	10
11	2.15 B	0.770 B	2.00 B	8.59	10.5	4.59	2.46	0.539	0.279	2.16	19.3	3.40 B	11
12	1.85 B	0.710 B	1.91 B	8.03	8.88	3.38	2.19	0.428	0.272	2.28	13.5	3.10 B	12
13	2.40 B	0.662 B	1.83 B	7.85	7.83	2.60	1.58	1.03	0.249	2.04	8.98	2.90 B	13
14	3.30 B	0.640 B	1.77 B	7.82	7.88	2.13	1.00	5.79	0.239	1.88	7.48	2.70 B	14
15	4.20 B	0.920 B	1.74 B	6.88	7.08	1.78	0.827	2.52	1.51	1.63	8.74	2.60 B	15
16	3.60 B	0.810 B	11.0 B	7.13	5.83	1.86	0.720	1.48	1.45	1.81	27.6	2.35 B	16
17	3.00 B	0.740 B	6.00 B	6.17	5.04	2.56	0.680	1.18	2.18	2.32	17.0	2.20 B	17
18	2.68 B	0.860 B	5.60 B	6.08	4.24	2.26	0.584	0.848	2.40	2.06	11.0	2.10 B	18
19	2.44 B	0.640 B	4.60 B	6.72	3.84	2.62	0.578	0.651	1.38	1.81	8.37	2.00 B	19
20	2.24 B	0.600 B	4.20 B	7.80	3.48	1.88	0.526	0.542	1.12	1.87	6.35	1.90 B	20
21	2.10 B	1.80 B	3.60 B	8.17	3.13	1.56	0.481	0.538	1.67	2.59	5.98	1.82 B	21
22	1.88 B	26.0 B	3.20 B	7.70	2.81	1.37	0.436	0.468	1.14	3.22	5.61	1.72 B	22
23	1.78 B	18.6	2.90 B	6.38	2.69	1.24	0.396	0.488	1.17	2.38	5.62 B	1.66 B	23
24	1.68 B	12.6	2.50 B	5.52	2.52	1.14	0.363	0.560	2.86	1.98	5.10 B	1.60 B	24
25	1.54 B	11.0	2.90 B	5.40	2.38	1.02	0.354	0.452	2.14	1.84	4.85 B	1.52 B	25
26	1.42 B	6.75 B	3.60 B	5.38	2.27	0.995	0.400	0.380	1.58	1.66	4.55 B	1.45 B	26
27	1.32 B	5.30 B	4.60 B	5.16	3.29	1.01	0.382	0.336	2.68	1.50	4.35 B	1.40 B	27
28	1.22 B	4.60 B	7.53	6.94	2.88	1.03	0.462	0.344	1.82	1.43	4.20 B	1.32 B	28
29	1.12 B		12.0 B	9.00	2.47	1.22	0.658	0.306	1.58	1.29	4.00 B	1.28 B	29
30	1.06 B		11.0	11.4	1.88	0.963	0.652	0.316	1.38	1.26	4.00 B	1.28 B	30
31	1.01 B		6.85		1.89		0.423	0.487		1.11		1.28 B	31
TOTAL	69.37	105.212	134.27	308.51	316.23	55.376	23.591	27.083	36.882	81.76	280.73	86.38	TOTAL
MEAN	2.24	3.76	4.33	10.3	10.2	1.85	0.761	0.873	1.22	2.64	9.36	2.79	MEAN
MAX	4.20	26.0	12.0	54.0	54.1	4.59	2.46	5.79	2.86	10.9	49.1	6.60	MAX
MIN	1.01	0.600	1.74	4.75	1.89	0.963	0.353	0.247	0.239	1.11	2.48	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.18
MAXIMUM DAILY, 54.1 ON MAY 3
MINIMUM DAILY, 0.239 ON SEP 14
MAXIMUM INSTANTANEOUS,
99.7 AT 00:41 AST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 32 N
LONG 65 01 02 W
DRAINAGE AREA, 130 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 990	JUL	2 040
FEB	9 090	AUG	2 340
MAR	11 600	SEP	3 170
APR	26 700	OCT	7 070
MAY	27 300	NOV	24 300
JUN	4 780	DEC	7 380

TOTAL DISCHARGE, 132 000 dam^3

RENOUS RIVER AT MCGRAW BROOK - STATION NO. 01BO002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.48B	2.82B	2.70B	17.2B	88.4	10.7	3.03	4.23	5.02	3.02	6.34	7.80B	1
2	5.20B	2.74B	2.84B	15.6B	87.5	14.9	3.55	3.57	10.0	2.80	10.3	7.40B	2
3	4.98B	2.67B	2.58B	14.9B	159	13.0	4.00	3.14	11.3	3.16	8.73	7.00B	3
4	4.78B	2.60B	2.48B	14.4B	133	10.9	3.71	2.78A	8.80	3.88	9.30	6.70B	4
5	4.80B	2.54B	2.40B	15.0B	98.2	8.76	2.88	4.80E	7.38	3.37	8.78	6.40B	5
6	4.68B	2.48B	2.34B	20.2B	82.8	8.83	2.70	25.5 E	6.34	3.40	7.41	6.10B	6
7	4.40B	2.40B	2.28B	85.1B	127	8.02	2.52	28.8 A	5.82	3.58	7.78	5.90B	7
8	4.80B	2.35B	2.20B	88.7	113	7.54	2.30	20.9	5.32	3.48	7.78	5.75B	8
9	4.50B	2.30B	2.15B	76.2	84.8	8.90	2.00	18.8	5.15	3.21	10.8	5.60B	9
10	4.38B	2.28B	2.13B	58.8	81.4	8.82	2.43	12.8	4.71	3.03	42.7	5.45B	10
11	4.27B	2.21B	2.09B	48.4	88.5	11.9	10.4	10.1	4.31	2.84	32.0	5.30B	11
12	4.15B	2.16B	2.08B	40.6	70.4	12.2	10.1	9.19	4.31	2.88	23.2	5.15B	12
13	4.08B	2.10B	2.04B	38.8	67.5	9.88	7.28	20.3	3.87	2.70	17.5	5.05B	13
14	4.00B	2.05B	2.02B	34.8	60.7	8.27	5.88	80.9	3.72	2.61	14.3	4.95B	14
15	3.82B	2.10B	2.80B	31.2	64.6	8.28	5.67	52.8	3.67	2.44	14.6	4.85B	15
16	3.88B	2.08B	3.29B	30.0	38.9	7.67	4.83	37.4	3.82	2.68	17.0	4.75B	16
17	3.74B	2.05B	4.25B	30.6	32.5	8.20	4.27	26.4	3.86	3.55	32.7	4.67B	17
18	3.63B	2.01B	3.95B	37.3	27.9	7.83	3.94	18.9	4.51	3.47	38.5	4.59B	18
19	3.52B	1.97B	3.62B	28.5	24.1	7.57	3.67	15.6	3.98	3.23	28.7	4.51B	19
20	3.44B	1.92B	3.48B	26.2	21.3	6.80	4.18	13.0	3.77	3.05	22.8	4.43B	20
21	3.30B	1.88B	3.28B	28.9	20.1	8.19	3.62	11.4	4.07	5.52	20.1 B	4.35B	21
22	3.28B	2.15B	3.19B	28.6	19.3	8.80	2.88	10.7	3.90	10.3	17.0 B	4.27B	22
23	3.20B	2.50B	3.08B	26.6	17.7	8.09	2.30	9.82	3.83	8.25	14.7 B	4.20B	23
24	3.12B	3.45B	2.98B	24.3	15.8	6.72	2.08	9.12	3.87	5.48	13.0 B	4.13B	24
25	3.08B	3.33B	2.89B	22.3	16.0	6.87	1.80	8.02	3.78	5.36	11.8 B	4.07B	25
26	2.98B	3.20B	3.05B	21.7	13.9	4.35	1.82	7.22	3.45	4.90	10.8 B	4.01B	26
27	2.91B	2.95B	3.74B	23.0	14.6	4.15	1.[illegible]	6.87	4.23	4.48	10.2 B	3.95B	27
28	2.88B	2.83B	4.50B	23.8	13.2	3.88	3.47	5.99	4.02	4.26	9.40B	3.92B	28
29	2.80B		8.50B	33.8	11.6	3.76	8.51	5.84	3.83	4.09	8.80B	3.88B	29
30	2.75B		8.80B	61.4	10.6	2.40	7.04	5.23	3.44	3.71	6.30B	3.84B	30
31	2.80B		18.2 B		9.85		5.44	5.05		3.48		3.80B	31
TOTAL	119.19	68.05	116.08	1 044.6	1 600.35	231.68	130.04	474.55	147.63	122.97	455.52	158.76	TOTAL
MEAN	3.84	2.43	3.88	34.8	51.6	7.72	4.19	15.3	4.92	3.97	15.2	5.08	MEAN
MAX	5.48	3.45	18.2	88.7	159	14.9	10.4	80.9	11.3	10.3	42.7	7.80	MAX
MIN	2.75	1.88	2.02	14.4	9.85	3.40	1.80	2.78	3.44	2.44	6.34	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.9
MAXIMUM DAILY, 159 ON MAY 3
MINIMUM DAILY, 1.80 ON JUL 27
MAXIMUM INSTANTANEOUS,
170 AT 06:11 AST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 40 17 N
LONG 66 06 53 W
DRAINAGE AREA, 611 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 300	JUL	11 200
FEB	5 880	AUG	41 000
MAR	9 880	SEP	12 800
APR	90 200	OCT	10 600
MAY	138 000	NOV	41 900
JUN	20 000	DEC	13 500

TOTAL DISCHARGE, 405 000 dam³

RESTIGOUCHE RIVER ABOVE RAFTING GROUND BROOK - STATION NO. 01BJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.5B	30.6B	21.9B	40.1B	848	173	81.9	51.8	40.1	33.5	45.3	58.0B	1
2	51.0B	29.7B	21.4B	43.1B	832	188	80.7	49.8	87.6E	33.3	52.5	56.2B	2
3	50.5B	29.0B	21.1B	41.2B	1 580	189	81.3	50.3	104 E	33.0	58.3	55.0B	3
4	49.5B	28.9B	21.2B	39.0B	1 610	177	77.6	51.0	57.6E	34.6	53.8	53.2B	4
5	48.5B	28.8B	2[illegible].2B	39.8B	1 320	204	80.3	51.3	53.5E	37.5	52.8	52.0B	5
6	47.7B	28.5B	21.2B	46.8B	1 180	217	88.7	50.9	47.4E	38.8	50.5	50.2B	6
7	46.8B	28.5B	22.2B	75.1B	1 360	205	81.2	54.8	42.9E	37.2	49.6	49.3B	7
8	46.1B	27.5B	21.4B	185 B	1 390	194	72.4	73.3	40.0E	38.1	51.6	48.3B	8
9	45.3B	27.1B	21.3B	415 B	1 220	182	68.4	81.8	38.2E	39.6	53.7	47.4B	9
10	44.3B	26.5B	20.8B	420 B	987	171	64.7	73.7	37.1E	40.2	88.7	46.2B	10
11	43.6B	25.8B	20.6B	380 B	800	204	82.5	52.9	38.9E	38.3	115	45.2B	11
12	43.1B	24.8B	20.2B	365 B	788	219	112	57.0	40.8A	37.8	121	44.2B	12
13	42.4B	23.3B	19.9B	340 B	702	210	91.6	54.9	41.7	37.3	113	43.6B	13
14	41.7B	22.7B	20.7B	320 B	621	195	79.8	59.2	38.1	36.2	108	42.1B	14
15	40.9B	21.8B	21.8B	295 B	571	188	78.0	72.9	36.9	35.4	103	41.4B	15
16	40.6B	21.9B	22.8B	285 B	527	179	71.4	68.5	35.6	36.2	107	40.0B	16
17	39.5B	20.8B	22.6B	327	473	179	68.1	61.3	35.2	40.2	125	39.0B	17
18	38.5B	19.3B	23.8B	282	423	172	65.4	58.5	34.7	46.0	150	38.4B	18
19	38.0B	18.9B	24.4B	280	378	180	63.5	55.3	34.6	47.7	147	37.5B	19
20	37.7B	18.0B	25.8B	318	343	151	60.4	62.0	34.6	43.9	132	36.8B	20
21	37.0B	17.9B	27.5B	288	315	141	57.5	50.8	33.7	41.8	133	36.1B	21
22	33.5B	18.7B	27.8B	284	304	131	55.5	50.3	33.8	45.5	123	35.4B	22
23	33.8B	19.3B	26.7B	283	280	123	53.3	50.7	36.0	48.8	104	34.7B	23
24	35.0B	19.2B	24.8B	263	280	117	52.2	49.9	38.5	48.9	79.5	34.2B	24
25	35.0B	19.3B	23.8B	247	236	111	51.5	47.5	39.4	47.1	74.8	33.8B	25
26	32.4B	20.1B	22.5B	235	220	107	52.7	45.1	38.4	46.7	69.5B	33.2B	26
27	31.8B	21.7B	22.3B	241	204	102	55.9	43.2	36.4	45.3	66.8B	32.8B	27
28	31.0B	21.3B	22.5B	242	197	98.8	55.9	42.1	35.1	44.8	64.0B	32.1B	28
29	30.9B		24.8B	261	181	91.9	57.0	40.8	34.6	44.4	62.2B	31.6B	29
30	31.1B		28.8B	377	177	85.3	62.8	40.3	33.8	43.5	61.4B	31.1B	30
31	31.2B		33.7B		169		65.5	39.9		42.3		30.8B	31
TOTAL	1 250.1	658.6	719.3	7 268.2	20 177	4 872.0	2 177.9	1 689.8	1 300.6	1 265.8	2 592.5	1 289.6	TOTAL
MEAN	40.3	23.5	23.2	242	651	162	70.3	54.5	43.4	40.8	86.4	41.6	MEAN
MAX	51.5	30.6	33.7	420	1 610	219	112	81.8	104	48.8	150	58.0	MAX
MIN	30.9	17.9	19.9	39.0	169	85.3	51.5	39.9	33.7	33.0	45.3	30.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 124
MAXIMUM DAILY, 1 610 ON MAY 4
MINIMUM DAILY, 17.9B ON FEB 21
MAXIMUM INSTANTANEOUS,
1 760 AT 21:58 AST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 54 28 N
LONG 66 58 51 W
DRAINAGE AREA, 7 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	108 000	JUL	188 000
FEB	58 900	AUG	146 000
MAR	62 100	SEP	112 000
APR	628 000	OCT	109 000
MAY	1 740 000	NOV	224 000
JUN	421 000	DEC	111 000

TOTAL DISCHARGE, 3 910 000 dam³

NEW BRUNSWICK

RESTIGOUCHE RIVER BELOW KEDGWICK RIVER - STATION NO. 01BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.88	13.2 B	10.3 B	24.28	242	71.1	31.2	15.8	12.7	12.8	21.5	28.08	1
2	19.58	13.2 B	9.798	24.38	384	78.1	31.3	14.9	38.9	12.2	26.1	27.08	2
3	19.28	12.4 B	9.578	24.88	615	70.5	30.4	15.4	39.2	13.3	25.5	28.48	3
4	18.98	12.3 B	9.268	26.18	624	69.1	30.4	15.6	25.5	16.7	25.0	25.88	4
5	18.68	12.3 B	8.938	25.98	519	65.8	29.0	16.3	20.2	14.8	23.9	25.09	5
6	18.38	12.0 B	9.108	30.78	494	65.7	28.5	18.2	17.9	14.3	21.9	24.28	6
7	18.08	11.7 B	8.828	59.18	417	61.1	31.9	24.3	18.2	14.8	23.8	23.68	7
8	17.78	11.4 B	8.528	121 B	801	76.9	27.7	31.2	15.1	15.2	26.3	23.18	8
9	17.48	11.1 B	8.238	135 B	807	72.7	26.9	28.3	14.4	18.6	25.5	22.68	9
10	17.18	11.0 B	8.028	128 B	396	70.3	28.3	22.9	14.0	15.6	44.2	21.98	10
11	16.88	10.6 B	7.448	118 B	328	90.4	45.0	19.6	15.3	14.8	82.8	21.58	11
12	16.68	10.4 B	7.468	113 B	325	89.8	41.6	17.3	18.9	14.2	82.2	21.08	12
13	16.48	10.2 B	7.478	108 B	298	86.4	36.1	16.0	14.8	14.1	58.5	20.88	13
14	16.38	10.2 B	7.188	105 B	266	81.1	30.1	22.8	13.8	14.3	84.2	20.38	14
15	15.98	10.1 B	7.738	103 B	251	77.3	28.3	21.8	13.2	14.1	93.0	19.88	15
16	15.78	10.2 B	8.988	101	227	74.8	25.8	19.3	13.2	14.1	85.6	19.28	16
17	15.18	10.1 B	9.528	97.7	200	78.0	23.8	18.2	13.1	18.4	66.8	18.48	17
18	14.78	9.848	11.6 B	104	177	70.4	23.2	17.0	12.5	20.9	75.1	18.48	18
19	14.48	9.948	12.8 B	107	156	65.8	22.4	15.6	12.2	18.8	73.2	18.18	19
20	13.88	9.708	13.5 B	116	139	60.8	21.2	14.8	11.7	17.8	66.7	17.78	20
21	14.08	9.948	13.7 B	123	128	55.8	20.0	14.8	12.1	18.1	87.9	17.28	21
22	13.98	9.558	13.4 B	124	118	52.0	19.1	15.8	12.5	22.8	82.6	16.88	22
23	14.38	9.898	12.8 B	116	112	49.0	18.3	15.0	13.8	22.9	64.7	16.68	23
24	14.18	10.3 B	12.4 B	107	102	45.4	17.4	14.2	15.4	22.1	38.58	16.38	24
25	13.78	10.4 B	12.6 B	101	93.8	43.8	17.0	13.4	15.0	21.7	34.68	15.09	25
26	12.88	10.6 B	12.5 B	86.9	86.6	41.3	16.7	12.5	13.2	21.2	33.08	15.78	26
27	12.88	10.2 B	13.0 B	101	81.3	38.0	16.3	12.2	12.8	21.0	31.68	15.38	27
28	12.78	10.4 B	13.3 B	99.3	81.0	36.8	20.4	12.0	12.8	20.9	30.58	15.08	28
29	13.08		14.3 B	111	77.5	35.2	22.6	11.8	12.8	20.3	29.68	14.88	29
30	12.88		16.5 B	181	70.7	33.0	20.1	12.0	12.8	20.2	28.78	14.68	30
31	12.98		24.2 B		67.2		17.3	12.8		19.4		14.48	31
TOTAL	487.2	300.38	344.69	2 838.1	8 384 B	1 989.9	813.3	531.7	481.8	538.4	1 302.4	616.5	TOTAL
MEAN	15.7	10.7	11.1	94.6	270	66.7	26.2	17.2	16.1	17.4	43.4	19.9	MEAN
MAX	19.8	13.2	24.2	181	624	90.4	45.0	31.2	39.2	22.9	93.1	28.0	MAX
MIN	12.5	9.70	7.18	24.2	67.2	33.0	16.3	11.8	11.7	12.2	21.5	14.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.8
MAXIMUM DAILY, 624 ON MAY 4
MINIMUM DAILY, 7.188 ON MAR 14
MAXIMUM INSTANTANEOUS,
885 AT 22 52 AST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 40 00 N
LONG 67 29 03 W
DRAINAGE AREA, 3 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 100	JUL	70 300
FEB	26 000	AUG	45 900
MAR	29 800	SEP	41 800
APR	245 000	OCT	46 800
MAY	723 000	NOV	113 000
JUN	170 000	DEC	53 200

TOTAL DISCHARGE, 1 810 000 dam³

RIVIERE CARAQUET AT BURNSVILLE - STATION NO. 01BL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.56 B	0.890B	0.710B	3.74	10.2	3.07	1.31	1.07	1.25	0.858	1.20	1.03 B	1
2	1.48 B	1.06 B	0.700B	3.38	10.7	3.23	1.31	1.05	2.38	0.807	1.33	1.00 B	2
3	1.43 B	1.03 B	0.690B	3.02	21.9	3.04	1.34	0.990	2.00	1.03	1.17	0.970B	3
4	1.38 B	1.00 B	0.680B	2.84	15.7	2.87	1.28	0.942	1.88	0.987	1.24	0.940B	4
5	1.32 B	0.970B	0.670B	2.99	10.8	2.83	1.32	1.23	1.48	0.893	1.17	0.920B	5
6	1.28 B	0.940B	0.660B	4.36	8.28	2.52	1.19	2.78	1.31	0.894	1.11	0.890B	6
7	1.25 B	0.920B	0.650B	8.61	7.88	2.48	1.18	2.38	1.22	0.887	1.04	0.870B	7
8	1.28 B	0.900B	0.640B	12.5	7.55	2.30	1.17	2.07	1.11	0.868	0.955	0.840B	8
9	1.32 B	0.880B	0.630B	9.41	8.95	2.21	1.10	2.08	1.06	0.884	1.15	0.820B	9
10	1.28 B	0.860B	0.620B	7.51	6.12	2.11	1.10	1.88	1.03	0.821	1.93	0.808B	10
11	1.24 B	0.840B	0.610B	6.83	6.07	3.58	4.14	1.34	1.02	0.779	1.74	0.780B	11
12	1.31 B	0.820B	0.600B	6.19	5.38	2.59	5.88	1.18	0.995	0.779	1.53	0.778B	12
13	1.28 B	0.800B	0.620B	5.95	5.80	2.28	4.51	1.07	0.996	0.790	1.28	0.768B	13
14	1.21 B	0.840B	0.700B	5.28	5.42	2.17	3.17	8.64	0.984	0.785	1.14	0.782B	14
15	1.24 B	0.820B	0.900B	6.52	5.30	2.00	2.38	5.08	1.03	0.780	1.38	0.740B	15
16	1.22 B	0.800B	1.80 B	7.56	5.21	2.01	1.80	3.72	1.02	0.848	2.12	0.728B	16
17	1.19 B	0.780B	1.48 B	7.91	4.88	2.05	1.61	3.06	1.03	1.21	2.48	0.718B	17
18	1.17 B	0.760B	1.37 B	8.62	4.59	1.99	1.46	2.74	1.04	1.02	2.34	0.704B	18
19	1.15 B	0.750B	1.26 B	6.32	4.24	2.01	1.38	2.24	1.02	0.971	1.91	0.692B	19
20	1.13 B	0.740B	1.20 B	5.73	4.05	1.78	1.29	1.77	0.978	0.904	1.93	0.680B	20
21	1.17 B	0.720B	1.11 B	7.20	3.87	1.88	1.21	1.83	0.882	0.824	1.48 B	0.670B	21
22	1.15 B	0.780B	1.04 B	8.88	3.84	1.88	1.18	1.88	0.953	0.832	1.37 B	0.662B	22
23	1.12 B	0.800B	0.980B	8.07	3.74	1.81	1.14	1.87	0.916	0.744	1.28 B	0.654B	23
24	1.10 B	0.780B	0.880B	6.73	3.84	1.80	1.12	2.58	0.887	0.749	1.24 B	0.647B	24
25	1.08 B	0.760B	0.840B	5.08	3.58	1.82	1.11	1.88	0.898	0.782	1.18 B	0.640B	25
26	1.05 B	0.750B	0.840B	5.41	3.43	1.48	1.08	1.70	0.836	0.786	1.18 B	0.633B	26
27	1.02 B	0.740B	0.940B	7.41	3.33	1.41	1.08	1.84	1.02	0.781	1.11 B	0.626B	27
28	1.00 B	0.730B	3.35	7.62	3.31	1.42	1.24	1.43	0.988	0.782	1.18 B	0.619B	28
29	0.980B		5.23	8.86	3.17	1.46	1.55	1.38	0.881	0.782	1.10 B	0.612B	29
30	0.960B		4.88	10.1	3.08	1.32	1.27	1.24	0.980	0.785	1.07 B	0.605B	30
31	0.940B		4.22		3.13		1.13	1.28		0.742		0.600B	31
TOTAL	37.280	23.930	41.400	196.83	197.20	82.75	63.81	84.872	33.974	26.253	42.285	23.398	TOTAL
MEAN	1.20	0.840	1.34	6.83	6.36	2.09	1.74	2.09	1.13	0.847	1.41	0.755	MEAN
MAX	1.56	1.06	5.23	12.5	21.9	3.23	5.88	8.64	2.38	1.21	2.48	1.03	MAX
MIN	0.940	0.720	0.600	2.84	3.08	1.32	1.04	0.942	0.881	0.742	0.955	0.600	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.21
MAXIMUM DAILY, 21.9 ON MAY 3
MINIMUM DAILY, 0.600B ON MAR 12
MAXIMUM INSTANTANEOUS,
23.6 AT 15:38 AST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 42 20 N
LONG 65 08 18 W
DRAINAGE AREA, 173 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 220	JUL	4 880
FEB	2 030	AUG	5 880
MAR	3 580	SEP	2 940
APR	17 200	OCT	2 270
MAY	17 000	NOV	3 650
JUN	5 420	DEC	2 020

TOTAL DISCHARGE, 89 800 dam³

REMARKS - PUBLISHED UNDER THE NAME "SOUTHWEST CARAQUET RIVER AT BURNSVILLE" TO 1988

SAINT JOHN RIVER AT EDMUNDSTON - STATION NO. 01AD004

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	135.120	135.188	135.031	135.725	135.338	135.521	134.833	---	134.438	134.429	134.588	135.381	1
2	135.087	135.137	135.008	135.885	135.580	135.581	134.873	---	134.580	134.420	134.578	135.298	2
3	135.101	135.197	135.000	136.085	136.991	135.581	134.805	---	134.622	134.402	134.630	135.304	3
4	135.172	135.218	134.987	135.084	137.430	135.529	134.762	---	135.138	134.463	134.744	135.187	4
5	135.151	135.215	134.987	135.136	137.336	135.583	134.795	---	135.081	134.417	134.740	135.218	5
6	135.160	135.182	134.985	136.241	137.087	135.636	134.770	---	134.930	134.478	134.708	135.163	6
7	135.172	135.188	134.976	136.467	137.226	135.588	---	---	134.805	134.528	134.676	135.207	7
8	135.177	135.183	134.941	137.092	137.551	135.484	---	---	134.710	134.498	134.688	135.036	8
9	135.183	135.188	134.877	138.305	137.305	135.385	---	134.587A	134.645	134.488	134.735	135.049	9
10	135.141	135.136	134.989	136.054	136.986	135.312	---	134.572	134.607	134.494	134.879	135.987	10
11	135.185	135.174	134.955	137.873	136.703	136.488	---	---	134.578	134.504	135.143	135.908	11
12	135.184	135.150	134.934	137.078	136.733	135.810	---	---	134.537	134.494	135.282	135.792	12
13	135.186	135.138	134.940	136.488	136.882	135.630	---	---	134.506	134.488	135.208	135.721	13
14	135.258	135.128	134.928	136.082	137.118	135.693	---	134.538A	134.502	134.467	135.127	135.648	14
15	135.268	135.128	134.930	136.058	137.304	135.537	---	134.584	134.606A	134.433	135.047	135.889	15
16	135.228	135.111	134.938	136.071	137.283	135.451	---	134.571	---	134.403	135.018	135.811	16
17	135.211	135.074	134.945	136.078	136.844	135.448	---	134.680	---	134.448	135.309	135.513	17
18	135.187	135.071	134.950	136.358	136.801	135.484	---	134.664	---	134.488	135.807	135.482	18
19	135.183	135.078	134.950	136.589	136.397	135.488	---	134.618	---	134.508	135.776	135.440	19
20	135.180	135.048	134.948	136.707	136.230	135.447	---	134.588	134.862A	134.588	135.583	135.378	20
21	135.188	135.078	134.950	136.858	136.100	135.464	---	134.548	134.533	134.587	135.368	135.383	21
22	135.175	135.068	134.939	136.589	136.018	135.389	---	134.534	134.521	134.580	135.172	135.308	22
23	135.237	135.047	134.957	136.434	136.018	135.288	---	134.506	134.513	135.018	134.948	135.244	23
24	135.212	135.043	134.955	136.284	136.002	135.186	---	134.485	134.500	135.033	134.917	135.278	24
25	135.180	135.031	134.989	136.150	135.918	135.130	---	134.489	134.510	134.917	135.341	135.288	25
26	135.248	135.028	134.988	136.085	135.837	135.028	---	134.482	134.489	134.818	135.858	135.244	26
27	135.240	135.032	136.187	136.021	135.787	134.958	---	134.471	134.841	134.748	135.157	135.204	27
28	135.217	135.028	136.008	136.038	136.730	134.885	---	134.445	134.490	134.682	135.368	135.187	28
29	135.208		135.128	136.089	135.575	134.867	---	134.421	134.451	134.851	135.228	135.128	29
30	135.182		135.248	136.188	135.815	134.804	---	134.447	134.428	134.823	135.882	135.108	30
31	135.178		135.340		135.842		---	134.442		134.589		135.124	31
MEAN	135.187	135.114	134.982	136.489	136.569	135.383	---	---	---	134.570	135.239	135.851	MEAN
MAX	135.268	135.216	135.340	138.305	137.551	135.630	---	---	---	135.033	136.582	136.381	MAX
MIN	135.087	135.028	134.928	135.725	135.842	134.804	---	---	---	134.402	134.578	135.108	MIN

WATER LEVELS IN METRES

MAXIMUM INSTANTANEOUS,
139.230 AT 00:51 AST ON APR 10

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 21 40 N
LONG 68 19 38 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
15 500 km²

SAINT JOHN RIVER AT FORT KENT - STATION NO. 01AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.58	46.78	34.38	1478	897	314	138	58.0	46.3	50.4	61.8	102 B	1
2	45.08	46.78	33.78	1788	827	348	132	55.5	79.6	48.4	83.0	88.18	2
3	47.78	46.78	33.18	2078	1 080	348	121	53.2	175	50.4	104	88.28	3
4	47.18	46.48	32.88	2498	1 380	323	113	51.5	268	51.5	128	83.48	4
5	46.38	46.48	32.88	3318	1 250	351	113	51.3	230	57.2	120	80.88	5
6	45.08	46.48	32.38	4188	1 070	374	105	56.9	178	70.5	110	87.88	6
7	45.78	46.28	31.78	5728	1 220	337	96.0	57.2	137	88.2	103	85.08	7
8	45.48	45.88	31.18	6388	1 380	282	87.5	54.3	112	88.0	105	83.58	8
9	45.18	45.38	30.88	1 120	1 180	258	81.3	52.4	88.3	88.5	125	82.18	9
10	44.68	45.08	30.08	883	953	238	80.4	98.1	85.2	88.5	155	80.78	10
11	46.88	44.78	29.78	917	810	337	85.7	84.0	77.3	87.7	288	78.78	11
12	83.78	44.28	28.28	773	841	473	108	86.7	71.8	82.9	309	76.58	12
13	82.88	43.88	28.28	880	1 010	484	104	89.2	87.7	88.0	272	75.08	13
14	81.78	43.08	30.08	814	1 080	394	104	87.4	84.8	83.8	238	73.28	14
15	81.28	42.28	31.18	817	1 240	331	98.0	81.0	86.1	80.4	208	70.88	15
16	80.88	41.38	32.38	837	1 180	284	88.1	85.5	85.4	48.0	211	69.48	16
17	80.08	40.28	32.88	885	984	284	77.0	108	87.4	52.4	374	68.08	17
18	89.58	38.88	32.88	742	833	309	72.2	100	89.8	80.2	584	88.58	18
19	86.08	38.88	33.18	800	708	311	88.2	85.5	78.6	78.4	510	85.78	19
20	86.88	38.28	34.08	946	817	311	84.0	74.5	74.8	88.6	405	86.18	20
21	86.18	37.88	35.18	885	862	314	88.7	88.6	70.6	87.6	331	83.78	21
22	84.48	37.78	36.88	827	815	278	86.8	84.8	87.1	124	241	82.38	22
23	83.08	37.48	38.28	748	824	238	83.2	88.2	86.5	235	178 B	80.88	23
24	81.68	37.18	38.68	857	815	208	80.1	84.8	87.1	212	158 B	80.08	24
25	80.78	36.58	40.88	868	478	178	87.8	84.7	88.6	174	145 B	89.58	25
26	48.88	36.08	41.88	835	442	180	48.4	81.7	70.8	145	134 B	86.08	26
27	48.48	35.48	46.28	827	411	147	45.0	85.5	88.1	124	124 B	87.28	27
28	47.88	34.88	58.88	841	388	137	48.3	48.5	83.1	110	115 B	86.88	28
29	47.08		70.48	848	382	131	52.7	46.3	88.5	88.5	110 B	88.18	29
30	46.78		88.38	895	351	128	56.4	44.5	84.4	90.3	104 B	88.38	30
31	46.78		123 B		320		58.6	45.3		83.8		84.48	31
TOTAL	1 826.8	1 170.8	1 281.7	18 870	25 267	8 618	2 526.8	1 978.3	2 768.8	2 705.4	5 148.8	2 252.3	TOTAL
MEAN	58.9	41.8	40.7	632	815	287	81.5	83.7	92.2	87.3	205	72.7	MEAN
MAX	86.5	46.7	123	1 120	1 380	473	138	108	289	238	584	102	MAX
MIN	46.7	34.8	29.2	147	320	128	45.0	44.5	45.3	48.4	81.8	84.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 207
MAXIMUM DAILY, 1 380 ON MAY 8
MINIMUM DAILY, 29.28 ON MAR 12
MAXIMUM INSTANTANEOUS,
2 050 AT 20:00 EST ON APR 9

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 15 25 N
LONG 68 35 35 W
DRAINAGE AREA, 14 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	158 000	JUL	218 000
FEB	101 000	AUG	171 000
MAR	109 000	SEP	239 000
APR	1 640 000	OCT	234 000
MAY	2 180 000	NOV	531 000
JUN	744 000	DEC	195 000

TOTAL DISCHARGE, 8 820 000 dam³

NEW BRUNSWICK

SAINT JOHN RIVER AT FREDERICTON - STATION NO. 01AK003

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.233	1.197	1.176	2.186	3.402	2.393	1.411	1.188	1.271	1.078	1.808	1.711	1
2	1.138	1.099	1.136	2.782	3.787	2.535	1.385	1.161	1.237	1.102	1.288	1.761	2
3	1.180	1.212	1.045	3.480	4.245	2.452	1.344	1.168	1.581	1.131	1.342	1.827	3
4	1.304	1.081	0.956	3.899	5.082	2.292	1.388	1.280A	1.388	1.238	1.384	1.840	4
5	1.350	1.008	0.841	3.830	5.137	2.282	1.372	---	1.478	1.227	1.438	1.778	5
6	1.282	1.081	0.853	3.198	4.978	2.328	1.452	---	1.804	1.088	1.308	1.478	6
7	1.505	1.092	1.125	4.107	5.058	2.215	1.378	---	1.455	1.058	1.228	1.422	7
8	1.188	1.154	1.148	4.438	5.368	2.347	1.345	---	1.423	0.892	---	1.473	8
9	1.280	1.220A	1.122	4.768	5.328	2.348	1.287	---	1.183	0.862	---	1.412	9
10	1.420	1.325	1.147	4.585	5.057	2.438	1.345	---	1.170	0.878	---	1.287	10
11	1.248	1.225	1.130	4.580	4.772	2.122	1.439	---	1.239	1.088	---	1.838	11
12	1.310	1.181	1.152	4.403	4.875	1.855	1.307	---	1.238	1.048	---	1.838	12
13	1.218	1.303	1.314	4.294	4.942	2.070	1.280	---	1.207	1.032	---	1.847	13
14	1.212	1.227	1.418	4.138	5.022	2.133	1.187	---	1.240	1.017	---	1.872	14
15	1.330	1.276	1.193	4.030	5.184	2.141	1.104	---	1.288	1.088	2.280A	1.889	15
16	1.326	1.272	1.215	3.867	5.153	2.143	1.081	---	1.288	1.188	2.338	1.879	16
17	1.321	1.288	1.288	3.954	4.928	2.047	1.087	---	1.249	1.278	2.872	1.320	17
18	1.308	1.148	1.308	3.808	4.554	1.888	1.081	---	1.309	1.511	2.858	1.378	18
19	1.381	1.000	1.288	3.578	4.371	1.882	1.118	---	1.274	1.348	2.887	1.518	19
20	1.408	1.039	1.334	3.688	3.982	1.872	1.182	---	1.308	1.273	2.828	1.515	20
21	1.318	1.031	1.282	3.771	3.787	1.919	1.087	---	1.328	1.239	2.868	1.422	21
22	1.188	1.128	1.285	3.703	3.547	1.963	1.131	---	1.348	1.218	3.328	1.748	22
23	1.184	1.285	1.303	3.803	3.358	1.978	1.109	---	1.348	1.137	2.288	1.444	23
24	1.335	1.370	1.272	3.838	3.217	1.743	1.072	---	1.109	1.231	1.882	1.135	24
25	1.388	1.208	1.313	3.583	3.123	1.641	1.128	1.388	1.144	1.449	1.783	1.044	25
26	1.371	1.182	1.143	3.841	3.000	1.835	1.120	1.288	1.283	1.389	1.808	1.047	26
27	1.335	1.134	1.148	3.805	2.953	1.719	1.088	1.234	1.048	1.333	1.708	1.181	27
28	1.384	1.144	1.485	3.428	2.727	1.878	1.088	1.302	1.181	1.231	1.827	1.282	28
29	1.113		2.407	3.184	2.851	1.550	1.044	1.258	1.115	1.201	1.835	1.418	29
30	1.248		2.123	3.266	2.583	1.535	1.085	1.238	1.028	1.219	1.708	1.345	30
31	1.270		2.373		2.429		1.180	1.197		1.402		1.230	31
MEAN	1.281	1.178	1.305	3.748	4.142	2.042	1.211	---	1.288	1.188	---	1.443	MEAN
MAX	1.505	1.372	2.407	4.768	5.368	2.535	1.452	---	1.804	1.511	---	1.778	MAX
MIN	1.113	1.000	0.841	2.186	2.429	1.535	1.044	---	1.028	0.862	---	1.044	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 54 N
LONG 66 38 42 W

A - MANUAL GAUGE

MAXIMUM INSTANTANEOUS,
5.447 AT 18:08 AST ON MAY 6

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT GRAND FALLS - STATION NO. 01AF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	115 B	74.58	57.18	1518	1 080	529	161	78.3	112	40.8	156	147 B	1
2	94.38	44.28	58.08	2848	1 250	586	213	101	172	108	108	133 B	2
3	92.38	69.88	50.68	418	1 670	581	214	110	221	94.2	148	102 B	3
4	126 B	106 B	47.78	441	1 930	561	180	102	218	87.8	101	124 B	4
5	103 B	78.48	50.08	418	1 950	548	203	140	274	82.3	110	114 B	5
6	109 B	72.18	49.48	509	1 730	576	202	170	237	89.4	148	128 B	6
7	133 B	94.38	58.38	615	1 790	551	172	133	214	80.4	180	123 B	7
8	85.28	77.68	38.08	863	2 080	500	147	136	171	107	148	148 B	8
9	105 B	84.88	44.78	1 140	1 880	467	108	188	128	86.7	204	138 B	9
10	98.88	84.48	48.48	1 310	1 880	427	137	117	108	87.7	212	110 B	10
11	108 B	40.48	55.28	1 210	1 410	507	188	113	188	122	235	122 B	11
12	105 B	81.88	32.38	1 180	1 390	536	202	128	195	88.5	417	121 B	12
13	112 B	84.58	38.08	1 030	1 480	587	151	110	194	80.4	357	117 B	13
14	107 B	81.08	44.28	1 000	1 590	625	139	104	111	87.7	335	124 B	14
15	112 B	82.18	82.78	992	1 880	536	137	130	114	22.8	302	88.08	15
16	102 B	84.88	85.43	955	1 700	489	139	130	108	88.2	294	118 B	16
17	113 B	84.28	44.38	824	1 510	488	118	130	114	104	452	72.98	17
18	107 B	74.78	28.18	1 020	1 250	483	117	152	109	141	801	88.78	18
19	115 B	35.88	37.58	1 170	1 080	478	118	137	81.6	92.8	627	105 B	19
20	78.68	78.58	71.48	1 300	961	488	107	71.0	88.0	85.1	535	89.88	20
21	104 B	61.28	85.88	1 280	888	488	101	33.8	112	88.0	488	78.38	21
22	90.38	52.08	48.28	1 210	803	448	74.1	21.3	130	142	2888	126 B	22
23	103 B	58.88	51.78	1 110	795	409	82.2	84.1	38.1	184	1958	88.88	23
24	105 B	81.88	53.08	1 010	777	368	78.8	108	48.9	298	2008	80.48	24
25	97.88	81.88	30.88	918	733	323	112	88.0	85.8	238	1818	42.38	25
26	83.88	80.08	53.18	841	880	288	80.0	63.4	93.4	212	1878	82.88	26
27	87.88	81.38	33.08	823	858	263	76.2	88.8	78.4	192	1588	88.18	27
28	81.18	42.88	108 B	823	828	228	120	84.5	88.0A	148	1788	112 B	28
29	82.48		148 B	844	588	223	74.8	88.8	88.7	125	1428	88.28	29
30	88.78		118 B	910	871	198	84.1	80.7	82.8	137	1428	78.88	30
31	112 B		111 B		922		84.4	88.8		188		82.88	31
TOTAL	3 135.7	1 858.8	1 822.7	28 875	38 880	12 838	4 088.8	3 171.3	3 883.1	3 748.0	7 783	3 148.2	TOTAL
MEAN	101	88.4	88.8	889	1 250	481	132	102	129	121	259	101	MEAN
MAX	138	108	148	1 310	2 080	887	214	170	274	288	827	147	MAX
MIN	85.2	35.8	30.5	522	188	74.1	21.3	38.1	22.8	101	42.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 307
MAXIMUM DAILY, 2 080 ON MAY 8
MINIMUM DAILY, 21.3 ON AUG 22
MAXIMUM INSTANTANEOUS,
2 140 AT 17:07 AST ON MAY 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 24 N
LONG 67 44 30 W
DRAINAGE AREA, 21 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1930

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	271 000	JUL	354 000
FEB	161 000	AUG	274 000
MAR	157 000	SEP	335 000
APR	2 300 000	OCT	324 000
MAY	3 360 000	NOV	672 000
JUN	1 200 000	DEC	272 000

TOTAL DISCHARGE, 9 850 000 dam³

SAINT JOHN RIVER AT HARTLAND SALMON POOL - STATION NO. 01AJ003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.137	40.833	40.843	41.505	41.883	40.988	40.205	40.413	40.388	40.387	40.483	42.448	1
2	41.208	40.788	40.842	41.774	42.238	41.148	40.253	40.387	40.483	40.412	40.382	42.288	2
3	41.137	40.882	40.854	41.701	43.337	41.141	40.502	40.397	40.558	40.374	40.578	42.148	3
4	41.227	40.881	40.810	41.588	43.588	40.813	40.548	40.374	40.788	40.278	40.508	42.083	4
5	41.184	40.885	40.849	41.998	43.834	40.928	40.586	40.423	40.889	40.184	40.445	41.883	5
6	41.081	40.888	40.887	42.282	43.185	40.856	40.588	40.548	40.881	40.145	40.538	41.803	6
7	41.351	40.938	40.701	43.813	43.149	41.070	40.482	40.487	40.618	40.200	40.808	41.874	7
8	41.082	40.908	40.841	44.358	43.381	40.878	40.432	40.501	40.807	40.315	40.524	41.877	8
9	40.807	40.888	40.725	44.488	43.318	40.835	40.485	40.538	40.804	40.378	40.846	41.985	9
10	41.261	40.837	40.831	43.928	42.938	40.808	40.510	40.528	40.475	40.414	40.908	41.894	10
11	41.089	40.748	40.536	43.228	42.881	40.827	40.584	40.470	40.489	40.428	40.871	41.752	11
12	41.188	40.708	40.628	42.686	42.892	41.007	40.385	40.488	40.504	40.412	40.884	41.802	12
13	40.818	40.728	40.888	42.118	42.840	41.131	40.318	40.810	40.478	40.393	40.828	41.822	13
14	41.181	40.787	40.682	41.880	43.048	41.188	40.381	40.982	40.418	40.418	40.784	41.884	14
15	41.287	40.845	40.389	41.783	43.173	41.188	40.288	41.270	40.338	40.488	40.888	41.884	15
16	41.018	40.855	40.407	41.888	43.220	40.850	40.356	40.831	40.374	40.478	40.838	41.885	16
17	41.078	40.858	40.588	41.888	42.843	40.838	40.448	40.848	40.370	40.383	41.131	41.447	17
18	41.188	40.788	40.811	41.788	42.584	40.788	40.518	40.524	40.428	40.313	41.188	41.481	18
19	40.894	40.476	40.888	42.030	42.191	40.788	40.508	40.581	40.382	40.113	41.311	41.429	19
20	41.143	40.540	40.834	42.152	41.934	40.818	40.428	40.582	40.386	40.110	41.228	41.378	20
21	40.818	40.820	40.550	42.155	41.745	40.780	40.430	40.514	40.318	40.110	41.104	41.373	21
22	41.087	40.881	40.537	42.101	41.813	40.734	40.403	40.487	40.451	40.214	40.875	41.8188A	22
23	41.023	40.888	40.782	41.927	41.572	40.717	40.382	40.407	40.462	40.480	40.533	41.131	23
24	41.051	40.748	40.850	41.780	41.544	40.505	40.398	40.447	40.287	40.717	40.518	41.034	24
25	40.980	40.584	40.853	41.805	41.477	40.478	40.403	40.462	40.382	40.880	40.892	41.191	25
26	41.105	40.513	40.482	41.488	41.370	40.548	40.331	40.385	40.378	40.588	40.748	40.770	26
27	41.047	40.852	40.444	41.427	41.177	40.487	40.363	40.347	40.241	40.472	41.263	40.884	27
28	41.038	40.884	40.725	41.400	41.148	40.378	40.374	40.338	40.273	40.457	41.387	41.335	28
29	40.883		41.574	41.444	41.210	40.232	40.413	40.308	40.278	40.510	41.578	41.387	29
30	41.003		41.078	41.584	41.118	40.258	40.484	40.313	40.338	40.481	42.251	41.328	30
31	40.888		41.085		40.884		40.478	40.274		40.522		40.831	31
MEAN	41.072	40.752	40.885	42.180	42.384	40.788	40.425	40.508	40.445	40.384	40.880	41.578	MEAN
MAX	41.381	40.862	41.574	44.488	43.888	41.188	40.585	41.270	40.888	40.717	42.251	42.448	MAX
MIN	40.883	40.478	40.389	41.400	40.884	40.232	40.205	40.274	40.241	40.110	40.382	40.770	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 41.008
MAXIMUM DAILY, 44.488 ON APR 8
MINIMUM DAILY, 40.110 ON OCT 20
MAXIMUM INSTANTANEOUS,
46.007 AT 11:53 AST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 54 N
LONG 67 31 46 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT MACTAQUAC GENERATING STATION - STATION NO. 01AK005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.475	3.170	3.333	4.287	5.855	4.354	3.258	3.478	3.590	3.359	3.804	4.118	1
2	3.243	3.317	3.215	5.278	6.318	4.488	3.228	3.477	4.188	3.540	3.382	3.887	2
3	3.508	3.506	3.198	6.007	6.757	4.322	3.338	3.420	3.818	3.503A	3.601	3.518	3
4	3.805	3.088	3.124	6.074	7.818	4.300	3.522	3.823	3.804	3.805A	3.815	3.581	4
5	3.854	3.178	3.080	5.860	7.502	4.278	3.743	3.940	4.017	3.808	3.778	3.887	5
6	3.872	3.220	3.082	5.188	7.158	4.142	3.828	4.382	4.144	3.328	3.893	3.193	6
7	3.773	3.287	3.433	5.145	7.177	4.180	3.781	4.085	4.185	3.275	3.888	3.485	7
8	3.038	3.348	3.288	6.487	7.524	4.549	3.458	4.080	3.913	3.181	3.838	3.704	8
9	3.807	3.828	3.183	7.121	7.355	4.585	3.225	4.038	3.384	3.238	4.158	3.889	9
10	3.393	3.483	3.178	6.817	6.888	4.861	3.884	3.898	3.847	3.338	4.284	3.800A	10
11	3.487	3.110	3.128	6.682	6.867	3.821	4.070	3.788	3.832	3.745A	4.778	---	11
12	3.423	3.122	3.158	6.472	6.886	3.893	3.888	3.242	3.718	---	4.428	---	12
13	3.221	3.884	3.724	6.388	7.207	4.412	3.883	4.058	3.882	---	4.520	3.788A	13
14	3.268	3.200	3.328	6.200	7.403	4.488	3.484	4.581	3.827	---	4.482	3.871	14
15	3.874	3.892	3.183	6.180	7.328	4.512	3.398	5.142	3.708	---	4.838	3.838	15
16	3.442	3.703	3.088	6.143	7.153	4.578	3.238	5.051	3.341	---	4.788	3.303	16
17	3.488	3.581	3.148	6.203	6.788	4.234	3.318	4.381	3.318	3.830A	5.127	3.372	17
18	3.883	3.148	3.441	6.885	6.340	3.788	3.515	3.821	3.813	4.095	5.357	3.778	18
19	3.532	3.238	3.108	6.853	6.328	4.188	3.472	3.778	3.342	3.843	5.080	4.044	19
20	3.577	3.278	3.490	6.948	6.476	3.870	3.588	3.438	3.808	3.438A	5.385	3.738	20
21	3.338	3.204	3.186	6.038	5.431	3.820	3.341	3.808	3.788	---	5.042	3.832	21
22	3.154	3.158	3.373	5.782	5.211	4.024	3.387	3.705	3.801	---	4.925	4.218	22
23	3.381	3.247	3.387	5.722	5.087	3.830	3.343	3.810A	3.427	3.232	4.570A	3.827	23
24	3.828	3.348	3.422	5.222	4.888	3.827	3.218	3.530A	3.287	3.718	---	3.305	24
25	3.885	3.083	3.288	5.182	4.883	3.388	3.840	---	3.388	4.188	3.827	3.288	25
26	3.881	3.040	3.148	5.182	4.842	3.880A	3.383	---	3.780	3.937	3.237	3.313	26
27	3.874	3.111	3.187	5.185	4.878	---	3.380	---	3.388	3.778	4.174	3.873	27
28	3.477	3.250	3.885	5.318	4.886	---	3.388	---	3.888	3.817	4.118	3.928	28
30	3.147		4.388	5.845	4.288	3.820A	3.320	3.410A	3.213	3.441	4.318	3.878	29
31	3.888		3.881	4.880	4.847	3.882	3.484	3.370	3.188	3.720	3.738	3.578	30
MEAN	3.478	3.288	3.388	5.822	5.138	---	3.475	---	3.837	---	---	---	MEAN
MAX	3.805	3.703	4.388	7.121	7.818	---	4.070	---	4.185	---	---	---	MAX
MIN	3.035	3.040	3.080	4.287	4.188	---	3.218	---	3.188	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM INSTANTANEOUS,
7.823 AT 08:30 AST ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 57 24 N
LONG 66 51 53 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT MAUGERVILLE - STATION NO. 01AD002

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.121	1.075	1.070	1.828	2.804	2.180	1.285	1.043	1.181	1.014	1.381	1.883	1
2	1.080	0.980	1.038	2.320	3.217	2.243	1.233	1.087	1.335	1.024	1.248	1.844	2
3	1.078	1.028	0.985	2.844	3.626	2.202	1.188	1.070	1.408	1.088	1.256	1.687	3
4	1.137	0.975	0.900	3.218	4.298	2.118	1.203	1.134	1.288	1.078	1.234	1.671	4
5	1.186	0.957	0.906	3.290	4.486	2.050	1.209	1.247	1.289	1.109	1.277	1.592	5
6	1.150	0.899	0.937	2.943	4.394	2.071	1.240	1.705	1.348	1.038	1.220	1.441	6
7	1.280	1.032	1.008	3.611	4.484	1.983	1.185	1.787	1.289	0.988	1.227	1.388	7
8	1.181	1.083	1.058	3.868	4.716	2.059	1.154	1.777	1.261	0.944	1.288	1.378	8
9	1.186	1.186	1.080	4.232	4.753	2.052	1.078	1.780	1.084	0.904	1.407	1.332	9
10	1.295	1.193	1.112	4.183	4.585	2.102	1.084	1.838	1.087	0.894	1.633	1.238	10
11	1.228	1.150	1.115	4.138	4.357	1.932	1.161	1.822	1.084	0.954	1.882	1.384	11
12	1.217	1.100	1.127	4.020	4.383	1.707	1.135	1.348	1.115	0.985	1.884	1.478	12
13	1.171	1.137	1.189	3.914	4.422	1.785	1.110	1.381	1.110	0.984	1.888	1.447	13
14	1.140	1.121	1.264	3.775	4.468	1.840	1.032	1.548	1.134	0.981	1.855	1.458	14
15	1.181	1.080	1.139	3.868	4.574	1.831	0.985	1.900	1.181	1.036	2.012	1.483	15
16	1.209	1.134	1.190	3.586	4.587	1.815	0.847	1.898	1.222	1.104	2.187	1.378	16
17	1.182	1.102	1.226	3.535	4.374	1.784	0.938	1.889	1.204	1.158	2.413	1.327	17
18	1.185	0.988	1.229	3.437	4.074	1.667	0.848	1.783	1.240	1.304	2.835	1.308	18
19	1.208	0.814	1.208	3.278	3.893	1.705	0.894	1.882	1.225	1.285	2.680	1.352	19
20	1.245	0.842	1.219	3.318	3.888	1.882	1.014	1.882	1.225	1.200	2.536	1.383	20
21	1.218	0.886	1.189	3.372	3.383	1.848	1.001	1.878	1.217	1.188	2.448	1.287	21
22	1.084	1.104	1.156	3.342	3.267	1.894	1.015	1.538	1.234	1.161	2.178	1.142E	22
23	1.083	1.236	1.139	3.276	3.058	1.709	1.008	1.509	1.256	1.082	2.103	1.183E	23
24	1.155	1.255	1.108	3.204	2.911	1.867	0.988	1.402	1.077	1.119	1.913	1.074	24
25	1.183	1.169	1.117	3.238	2.887	1.475	1.008	1.315	1.074	1.231	1.721	1.008	25
26	1.188	1.130	1.048	3.218A	2.782	1.443	0.981	1.254	1.131	1.214	1.586	1.025	26
27	1.188	1.095	1.040	3.283E	2.888	1.488	0.883	1.207	1.014	1.201	1.417	1.042	27
28	1.183	1.085	1.209	3.428A	2.802	1.474	0.876	1.220	1.088	1.148	1.285	1.095	28
29	1.051		1.268	2.916	2.347	1.386	0.951	1.189	1.074	1.136	1.670	1.208	29
30	1.085		1.887	2.711	2.336	1.381	0.878	1.186	0.892	1.138	1.623	1.189	30
31	1.092		2.081		2.212		1.037	1.144		1.248		1.119	31
MEAN	1.165	1.080	1.188	3.275	3.891	1.801	1.087	1.483	1.181	1.092	1.789	1.323	MEAN
MAX	1.295	1.255	2.081	4.232	4.753	2.243	1.285	1.898	1.408	1.304	2.835	1.844	MAX
MIN	1.050	0.814	0.900	1.828	2.212	1.381	0.838	1.043	0.892	0.894	1.220	1.008	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 1.586
MAXIMUM DAILY, 4.753 ON MAY 9
MINIMUM DAILY, 0.894 ON OCT 10
MAXIMUM INSTANTANEOUS,
4.788 AT 18:30 AST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 51 58 N
LONG 66 27 40 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT OAK POINT - STATION NO. 01AP003

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.877	0.858	0.888	1.382	2.078	1.844	---	---	---	0.936	1.087	1.352	1
2	0.848	0.808	0.857	1.382	2.187	1.885	---	---	---	0.929	1.088	1.323	2
3	0.865	0.808	0.774	1.481	2.478	1.830	---	---	---	0.970	1.089	1.335	3
4	0.818	0.821	0.728	1.738	2.783	1.803	---	---	---	0.957	1.068	1.343	4
5	0.807	0.820	0.764	2.034	2.989	1.780	---	---	---	0.980	1.029	1.284	5
6	0.938	0.881	0.828	2.225	3.130	1.780A	---	---	---	0.932	1.026	1.218	6
7	0.878	0.822	0.830	2.527	3.320	---	---	---	---	0.913	1.015	1.177	7
8	1.007	0.887	0.905	2.644	3.452	---	---	---	---	0.878	1.050	1.088	8
9	1.009	1.001	0.940	2.980	3.470	---	---	---	---	0.848	1.114	1.060	9
10	1.022	1.024	0.953	2.995	3.422	---	---	---	---	0.815	1.290	1.073	10
11	1.034	1.018	0.968	2.951	3.309	---	---	---	---	0.805	1.471	1.122	11
12	1.023	0.948	0.978	2.887	3.215	---	---	---	0.840A	0.884	1.581	1.170	12
13	1.030	0.930	0.988	2.749	3.184	---	---	1.100A	0.883	0.888	1.587	1.188	13
14	0.982	0.818	0.983	2.641	3.137	---	---	1.183	0.982	0.948	1.623	1.240	14
15	0.989	0.885	0.995	2.557	3.264	---	---	1.298	1.048	0.968	1.679	1.232	15
16	1.003	0.848	1.004	2.512	3.102	---	---	1.420	1.087	0.898	1.743	1.210A	16
17	1.000	0.783	1.015	2.500	3.089	---	---	1.502	1.112	1.048	1.878	---	17
18	0.986	0.761	0.894	2.518	3.031	---	---	1.510	1.112	1.077	1.988	1.102A	18
19	0.884	0.778	0.950	2.514	2.920	---	---	1.483	1.118	1.115	1.959	1.072	19
20	1.025	0.805	0.931	2.491	2.814	---	---	1.408	1.070	1.084	1.905	1.083	20
21	1.028	0.843	0.978	2.477	2.733	---	---	1.382	1.074	1.034	1.807	1.028	21
22	0.958	0.988	0.948	2.488	2.630	---	---	1.378	1.088	1.027	1.780	0.970	22
23	0.831	1.110	0.919	2.508	2.508	---	---	1.347	1.080	0.985	1.873	0.888	23
24	0.858	1.085	0.881	2.447	2.410	---	---	1.300A	1.024	0.932	1.827	0.888	24
25	0.840	1.087	0.885	2.403	2.335	---	---	---	0.948	0.884	1.511	0.888	25
26	0.957	1.010	0.878	2.344	2.250	---	0.880A	---	0.847	1.050	1.438	0.801	26
27	0.855	0.978	0.855	2.308	2.195	---	0.882	---	0.888	1.075	1.378	0.904	27
28	0.837	0.935	0.878	2.277	2.122	---	0.885	---	0.855	1.070	1.398	0.888	28
29	0.902		1.066	2.218	2.032	---	0.898	---	0.878	1.047	1.418	0.928	29
30	0.857		1.258	2.118	1.984	---	0.882	---	0.873	1.043	1.380	0.840	30
31	0.887		1.318		1.910		0.920A	---		1.083		0.841	31
MEAN	0.958	0.914	0.937	2.381	2.787	---	---	---	---	0.974	1.488	---	MEAN
MAX	1.034	1.110	1.318	2.988	3.470	---	---	---	---	1.118	1.988	---	MAX
MIN	0.848	0.778	0.728	1.382	1.910	---	---	---	---	0.805	1.015	---	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.470 ON MAY 9
MINIMUM DAILY, 0.728 ON MAR 4
MAXIMUM INSTANTANEOUS,
3.617 AT 03:30 AST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 31 11 N
LONG 66 04 44 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT SAINT JOHN - STATION NO. 01AP005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.841	0.802	0.788	1.321	1.954	1.747	1.131	0.878	0.880	0.880	0.895	1.288	1
2	0.810	0.771	0.759	1.333	2.089	1.740	1.107	0.870	1.008	0.820	1.049	1.238	2
3	0.854	0.749	0.895	1.428	2.324	1.761	1.088	0.888	1.085	0.879	1.041	1.280	3
4	0.878	0.757	0.852	1.661	2.841	1.723	1.023	0.881	1.038	0.880	1.022	1.277	4
5	0.888	0.748	0.712	1.853	2.842	1.681	1.010	0.945	0.974	0.905	0.988	1.172	5
6	0.877	0.785	0.772	2.123	2.951	1.575	1.011	1.122	0.947	0.888	0.944	1.148	6
7	0.818	0.844	0.777	2.351	3.148	1.838	1.025	1.314	0.942	0.878	0.956	1.139	7
8	0.976	0.898	0.831	2.757	3.273	1.887	1.041	1.373	0.922	0.832	1.010	1.029	8
9	0.983	0.929	0.878	2.840	3.291	1.898	0.954	1.349	0.892	0.823	1.068	1.019	9
10	0.953	0.948	0.933	2.888	3.233	1.853	0.892	1.289	0.883	0.774	1.227	1.048	10
11	0.984	0.951	0.944	2.850	3.125	1.644	0.987	1.181	0.888	0.784	1.368	1.084	11
12	0.977	0.923	0.954	2.767	3.003	1.488	0.988	1.084	0.911	0.838	1.491	1.131	12
13	1.010	0.852	0.917	2.632	2.950	1.386	0.930	1.011	0.918	0.855	1.518	1.151	13
14	0.928	0.830	0.892	2.536	2.951	1.386	0.913	1.084	0.987	0.824	1.588	1.180	14
15	0.941	0.788	0.876	2.440	2.885	1.328	0.888	1.194	1.048	0.842	1.808	1.177	15
16	0.880	0.773	0.928	2.428	2.888	1.318	0.812	1.325	1.084	0.958	1.829	1.189	16
17	0.844	0.704	0.933	2.434	2.904	1.318	0.802	1.441	1.102	1.050	1.788	1.127	17
18	0.842	0.692	0.952	2.414	2.850	1.308	0.824	1.448	1.088	1.103	1.682	1.043	18
19	0.939	0.708	0.937	2.387	2.729	1.300	0.822	1.381	1.077	1.102	1.678	1.001	19
20	0.981	0.738	0.902	2.377	2.647	1.314	0.880	1.347	1.034	1.033	1.613	0.983	20
21	1.040	0.770	0.948	2.358	2.581	1.328	0.918	1.327	1.030	0.981	1.481	0.947	21
22	0.885	0.831	0.941	2.387	2.471	1.328	0.930	1.350	0.984	0.885	1.704	0.877	22
23	0.872	1.047	0.883	2.404	2.387	1.336	0.937	1.288	0.923	0.834	1.613	0.884	23
24	0.901	1.032	0.854	2.326	2.285	1.354	0.908	1.262	0.977	0.872	1.551	0.798	24
25	0.903	1.018	0.888	2.303	2.218	1.326	0.853	1.185	0.886	0.894	1.420	0.782	25
26	0.868	0.922	0.878	2.244	2.114	1.263	0.850	1.083	0.885	0.955	1.388	0.841	26
27	0.894	0.888	0.835	2.185	2.055	1.223	0.838	1.051	0.852	0.855	1.313	0.826	27
28	0.884	0.847	0.860	2.152	2.017	1.198	0.837	0.990	0.852	0.886	1.315	0.810	28
29	0.828		1.053	2.087	1.908	1.220	0.902	0.984	0.875	0.953	1.348	0.835	29
30	0.784		1.221	1.995	1.820	1.189	0.884	0.984	0.801	0.938	1.289	0.851	30
31	0.807		1.278		1.788		0.888	1.017		0.948		0.887	31
MEAN	0.912	0.844	0.883	2.280	2.590	1.437	0.931	1.157	0.958	0.920	1.387	1.033	MEAN
MAX	1.040	1.047	1.278	2.888	3.291	1.761	1.131	1.448	1.102	1.103	1.891	1.298	MAX
MIN	0.784	0.692	0.852	1.321	1.788	1.189	0.802	0.870	0.852	0.774	0.944	0.782	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 1.280
MAXIMUM DAILY, 3.291 ON MAY 8
MINIMUM DAILY, 0.692 ON MAR 4
MAXIMUM INSTANTANEOUS,
3.478 AT 03:11 AST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 27 N
LONG 66 05 21 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT SIMONDS - STATION NO. 01AJ009

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.581	42.788	42.830	44.254	44.388	43.178	42.148	42.020	42.492	---	42.412	43.433	1
2	43.893	43.103	42.857	44.336	44.702	43.493	42.222	42.102	42.778	---	42.051	44.138	2
3	43.586	43.381	42.900	44.432	45.058	43.686	42.483	42.083	43.011	---	42.451	44.544	3
4	43.748	43.236	42.781	44.520	45.361	43.015	42.218	42.154	43.127	---	42.178	44.483	4
5	43.713	43.083	42.571	44.722	45.885	43.173	42.270	42.368	43.188	---	42.238	44.298	5
6	43.544	43.146	42.868	44.874	45.486	43.232	42.332	42.820	42.744	---	42.432	44.391	6
7	43.923	43.181	42.936	45.381	45.432	43.330	42.184	42.487	42.874	---	42.804	44.432	7
8	43.483	43.181	43.183	45.238	45.870	43.148	42.082	42.521	42.758	---	42.380	44.488	8
9	43.121	43.251	42.927	45.473	45.800	43.188	42.185	42.582	42.641	---	42.887	44.482	9
10	43.798	43.177	42.628	45.311	45.258	43.005	42.095	42.584	42.381	---	42.999	44.349	10
11	43.585	42.872	42.547	44.885	44.926	43.005	42.503	42.410	42.727	---	42.884	44.218	11
12	43.623	42.786	42.813	44.765	44.979	43.437	42.385	42.263	42.730	---	42.985	44.088	12
13	43.171	42.847	42.783	44.458	45.154	43.483	42.275	42.478	---	---	42.959	44.038	13
14	43.672	43.087	42.714	44.320	45.343	43.483	42.282	43.065	---	---	42.797	44.092	14
15	43.787	43.208	42.518	44.288	45.478	43.477	41.948	43.582	---	---	43.088	44.098	15
16	43.384	43.251	42.533	44.309	45.530	43.135	42.108	43.148	---	---	43.183	44.088	16
17	43.501	43.292	42.828	44.178	45.280	43.050	42.147	43.025	---	---	43.388	43.934	17
18	43.585	43.080	42.671	44.308	44.878	42.950	42.215	42.844	---	---	43.535	43.873	18
19	43.334	42.840	42.858	44.528	44.564	42.987	42.057	42.788	---	---	43.673	43.788	19
20	43.592	42.777	42.802	44.831	44.318	43.034	41.891	42.540	---	---	43.508	43.830	20
21	43.103	42.827	42.712	44.837	44.088	42.881	42.107	42.334	---	---	43.468	43.848	21
22	43.443	42.859	42.788	44.576	43.941	43.004	41.885	42.328	---	---	43.283	44.083	22
23	43.347	43.022	43.188	44.403	43.892	43.018	41.931	42.287	---	---	42.895	43.832	23
24	43.425	43.048	42.881	44.237	43.854	42.832	41.987	42.488	---	---	42.588	43.845	24
25	43.352	42.908	42.974	44.078	43.793	42.814	41.888	42.468	---	---	42.852	43.788	25
26	43.485A	42.538	42.815	43.943	43.872	42.801	41.890	42.228	---	---	42.377	43.123	26
27	43.487	42.880	42.678	43.827	43.527	42.818	42.048	42.202	---	---	42.891	---	27
28	43.337A	42.717	43.030	43.814	43.480	42.507	41.954	42.287	---	---	42.888	---	28
29	42.917		44.073	43.852	43.497	42.304	41.973	42.251	---	---	42.584	---	29
30	43.422		43.448	44.111	43.383	42.488	42.148	42.284	---	---	42.870	---	30
31	43.311		43.587		43.228		42.138	42.237		---		---	31
MEAN	43.485	42.888	42.877	44.505	44.871	43.038	42.142	42.483	---	---	42.810	---	MEAN
MAX	43.923	43.381	44.073	45.473	45.861	43.483	42.503	43.582	---	---	43.673	---	MAX
MIN	42.917	42.538	42.678	43.814	43.228	42.304	41.931	42.020	---	---	42.051	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 45.981 ON MAY 4

MAXIMUM INSTANTANEOUS,
46.785 AT 12:11 AST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 16 N
LONG 67 33 19 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
35 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER BELOW MACTAQUAC - STATION NO. 01AK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	239 E	116	141 B	825	1 740	882	118	216	272	200	394	832E	1
2	148 E	188	132	1 250B	2 380	1 010	104	218	386	288	187	437E	2
3	284 E	284	133	1 810B	3 080	878	140	203	382	288	271	370E	3
4	407 E	91.8	113	1 810B	4 070	470	215	286	377	442	433	286E	4
5	305 E	118	80.4	1 570B	3 910	811	332	436	388	303	384	343E	5
6	330 A	131	92.7	1 080B	3 480	754	260	888	804	178	251	121E	6
7	388	180	230	1 850B	3 520	683	316	488	480	148	473	220E	7
8	76.8	174	162	2 130B	3 830	884	180A	505	404	118	445	316E	8
9	316	332	129	3 080B	3 660	908	118E	502	181	151	530	214E	9
10	226	245	123	2 320B	2 740	1 070	288E	416	326	186	650	171E	10
11	245	101	106	2 440B	2 470	458	58CE	364	388	388	642	472E	11
12	212	102	113	2 270B	3 010	558	382E	139	381	188	710	376E	12
13	138	316	377	2 100B	3 390	805	288E	804	288	178	7338	278E	13
14	185	131	190	1 920B	3 410	848	197E	774	327	163	7048	358E	14
15	284	311	118	1 810B	3 710	834	188E	1 180	382	188	737E	253E	15
16	226	330	94.1	1 650B	3 540	867	110E	1 070	201	210	805E	105E	16
17	260	315	113	1 470B	3 320	735	134E	884	173	390 A	1 080E	128E	17
18	284	112	223	1 630B	3 340	525	181A	385	302	555 E	1 280E	290E	18
19	273	140	97.5	1 480B	2 180	731	183	381	178	250 A	1 020E	448E	19
20	275	159	246	1 740B	1 650	588	251	208	300	203	1 250E	298E	20
21	183	128	113	1 700B	1 660	883	180	374	347	104	897E	367E	21
22	125	110	187	1 610B	1 390	712	170	322	390	78.8	883E	531E	22
23	185	158	168	1 570B	1 350	814	180	288	239	126	722	208E	23
24	309	200	207	1 600B	1 270	447	105	235	158	331	384E	104E	24
25	321	92.2	162	1 890B	1 240	288	247	332	208	544	294E	108E	25
26	262	78.7	109	1 810B	1 170	455	157	239	387	406	138E	105E	26
27	287	87.4	112	1 710B	1 000	478	130	182	203	385	851E	188E	27
28	237	157	498	1 550B	850	407	118	276	308	248	848E	384E	28
29	107		715	1 080	753	411	139	181	147	201	894E	354E	29
30	272		482	988	802	372	218	184	131	323	348E	207E	30
31	272		889		746		288	242		485		229E	31
TOTAL	7 807.8	4 825.2	8 385.8	51 773	73 941	20 183	8 354	12 493	8 540	8 148.8	18 818	8 753	TOTAL
MEAN	245	172	206	1 730	2 380	672	205	403	318	283	621	282	MEAN
MAX	407	332	715	3 080	4 070	1 070	560	1 180	804	555	1 280	822	MAX
MIN	76.8	78.7	80.4	825	746	288	104	129	131	78.8	138	104	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 526
MAXIMUM DAILY, 4 070 ON MAY 4
MINIMUM DAILY, 76.8 ON JAN 8
MAXIMUM INSTANTANEOUS,
4 500 AT 08:15 AST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 57 44 N
LONG 66 49 51 W
DRAINAGE AREA, 39 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	867 000	JUL	548 000
FEB	417 000	AUG	1 080 000
MAR	553 000	SEP	824 000
APR	4 470 000	OCT	704 000
MAY	8 380 000	NOV	1 810 000
JUN	1 740 000	DEC	755 000

TOTAL DISCHARGE, 18 800 000 dam³

SAINT JOHN RIVER NEAR EAST FLORENCEVILLE - STATION NO. 01AJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2588	153 B	106 B	8438	1 650	710	150	1548	258 E	136	2288	3048	1
2	1828	180 B	122 B	8078	2 050	878	258	1888	400 E	183	182	3058	2
3	2588	250 B	140 B	8758	3 300	878	288	1848	448 E	181	318	2848	3
4	2888	333 B	105 B	8448	3 820	887	225	1888	508 E	158	205	2738	4
5	2378	143 B	88.88	7008	3 480	702	308	3118	528 E	203	221	2488	5
6	2628	229 B	127 B	8288	2 880	721	204	3208	318 E	127	283	2888	6
7	2848	187 B	218 B	1 3408	2 880	788	288	261	384 E	182	348	2828	7
8	1588	227 B	182 B	2 010	3 200	858	188	3628	373 E	178	300	3088	8
9	2308	238 B	105 B	2 320	3 080	888	180	3178	288 E	162	420	3088	9
10	2288	174 B	84.88	2 420	2 810	608	183	3188	187 E	173	574	2888	10
11	2888	143 B	83.18	2 210	2 240	832	388	245	305 E	227	588	2858	11
12	1708	144 B	124 B	2 030	2 280	848	280	204	288 E	147	571	2388	12
13	2238	188 B	101 B	1 740	2 510	878	218	346	273 E	133	588	2548	13
14	2728	175 B	78.28	1 870	2 740	882	222	883	216 E	175	503	2768	14
15	2888	242 B	83.38	1 580	2 920	878	134	858	208 E	110	833	2738	15
16	2058	218 B	122 B	1 500	3 000	888	183	584	240 E	127	888	2488	16
17	2788	240 B	131 B	1 450	2 650	828	203	522	193 E	228	785	2618	17
18	2518	111 B	208 B	1 840	2 180	888	184	447	228 E	263 A	877	2708	18
19	2478	118 B	118 B	1 840	1 810	887	181	388	180 E	192 E	1 010	2248	19
20	2518	129 B	170 B	1 890	1 870	813	138	270	188 E	188 E	887	2488	20
21	1908	188 B	118 B	1 880	1 380	894	180	231	182 A	85.88	848	2408	21
22	2748	130 B	141 B	1 910	1 240	807	125	184	340	235 E	708	2748	22
23	1818	176 B	235 B	1 830	1 190	878	118	181	138 A	327	388	1828	23
24	2458	163 B	158 B	1 820	1 170	388	128	281	88.2E	314	384	2108	24
25	2718	108 B	118 B	1 890	1 110	388	143	203	E	384	358	1388	25
28	2298	82.88	88.08	1 820	1 030	385	148	188A	188 E	284	283	1308	28
27	3048	116 B	84.08	1 840	885	352	182	137E	131 A	285	405	2188	27
28	1848	80.38	332 B	1 840	884	328	118	188E	188	288 E	388	2488	28
29	1378		382 B	1 810	889	257	138	184E	124	189 E	348	2538	29
30	2728		338 B	1 850	812	348	188	177E	184	288 E	3488	2278	30
31	1828		307 B		888		184	132E		407 E		1848	31
TOTAL	7 304	4 714.9	4 882.1	47 258	63 918	18 788	8 018	8 187	7 832.2	8 473.8	14 587	7 771	TOTAL
MEAN	238	188	158	1 580	2 080	828	184	285	254	208	488	251	MEAN
MAX	304	280	382	2 420	3 820	882	388	858	528	407	1 010	308	MAX
MIN	137	80.3	78.2	807	888	257	118	132	88.2	85.8	182	130	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 543
MAXIMUM DAILY, 3 820 ON MAY 4
MINIMUM DAILY, 88.2E ON SEP 24
MAXIMUM INSTANTANEOUS,
3 750 AT 11:10 AST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 12 N
LONG 67 35 23 W
DRAINAGE AREA, 34 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	831 000	JUL	520 000
FEB	407 000	AUG	781 000
MAR	403 000	SEP	888 000
APR	4 080 000	OCT	888 000
MAY	8 820 000	NOV	1 280 000
JUN	1 820 000	DEC	871 000

TOTAL DISCHARGE, 17 100 000 dam³

SALMON RIVER AT CASTAWAY - STATION NO. 01AN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.208	2.858	4.908	57.08	48.0	13.3	3.48	8.58A	8.35	7.08	4.71	10.5 B	1
2	4.088	2.428	4.208	83.08	50.1	14.2	3.70	5.15A	13.8	7.08	8.28	8.908	2
3	3.958	2.388	3.848	80.08	118	14.0	4.53	4.15	17.8 A	7.15	7.38	8.408	3
4	3.788	2.238	3.388	83.08	101	13.7	3.92	3.58	13.0 E	8.28	7.02	8.908	4
5	3.888	2.288	3.108	90.08	89.6	11.4	3.53	35.1	10.3 E	8.27	8.92	8.508	5
6	3.558	2.228	2.808	138 B	83.8	10.1	3.37	240 A	8.11E	7.14	8.27	8.108	6
7	3.448	2.188	2.638	233	82.3	8.86	3.13	188 A	8.77A	8.23	7.07	7.708	7
8	3.388	2.148	2.488	171	108	8.81	3.13	88.4 A	8.18	8.85	8.88	7.308	8
9	3.478	2.108	2.358	76.2	81.8	8.18	2.88	68.4 A	8.71	8.52	8.32	8.908	9
10	3.888	2.048	2.208	83.2	81.2	8.23	2.88	48.0 A	8.31	8.88	38.7	8.708	10
11	3.428	2.008	2.088	88.4	84.1	10.7	8.08	30.3 A	8.02	8.12	38.8	8.308	11
12	3.348	1.878	1.878	83.4	70.5	13.3	15.4	22.8	4.85	4.82	28.8	8.008	12
13	3.248	1.848	1.888	88.2	87.4	12.3	13.3	28.3 A	4.85	4.70	23.0	8.908	13
14	3.208	1.808	3.318	87.5	90.8	10.5	9.48	40.1 A	4.30	4.35	18.1	8.708	14
15	3.258	1.858	8.008	42.5	48.2	8.88	8.08	31.4 A	4.84	4.07	28.5	8.408	15
16	3.388	1.838	20.0 B	43.5	42.8	8.28	8.82	23.4 A	5.24	3.82	48.2	8.208	16
17	3.418	1.908	33.0 B	44.2	37.3	10.8	8.86	18.5 E	5.38	4.39	88.7	8.008	17
18	3.378	1.888	27.2 B	43.0	32.8	10.5	8.41	17.0 E	5.57	4.88	70.3	4.908	18
19	3.288	1.888	23.0 B	38.1	28.8	10.7	8.82	16.0 E	5.82	4.58	48.3	4.708	19
20	3.228	1.848	18.0 B	43.8	25.0	8.31	4.86	13.5 E	5.82	4.34	37.0	4.508	20
21	3.148	2.048	15.0 B	44.5	22.8	7.82	4.19	12.0 E	7.81	4.48	30.8	4.308	21
22	3.048	8.208	13.0 B	41.3	22.1	8.86	3.48	13.3 E	7.87A	5.24	25.7	4.208	22
23	2.978	11.1 B	11.7 B	40.8	18.8	5.87	3.15	14.3 E	8.80A	4.78	22.5 B	4.108	23
24	2.908	10.8 B	10.6 B	36.3	17.4	5.48	2.78	13.0 E	8.50A	4.51	19.2 B	4.008	24
25	2.848	9.708	9.858	48.3	17.5	5.20	2.58	12.0 E	8.48	4.15	16.0 B	3.908	25
26	2.788	8.008	8.808	48.2	17.3	8.88	2.38	10.9 E	8.47	4.04	13.8 B	3.808	26
27	2.718	8.808	13.0 B	48.7	16.0	77	2.30	8.86	8.86	3.88	12.8 B	3.728	27
28	2.688	8.908	22.0 B	47.8	20.2	40	3.08	8.42	7.10	3.79	11.7 B	3.648	28
29	2.598		88.0 B	46.4	18.3	18	12.8 A	7.35	7.02	3.53	12.0 B	3.508	29
30	2.548		70.0 B	48.8	15.4	3.78	12.5 A	6.85	7.08	3.42	11.8 B	3.558	30
31	2.488		84.0 B		14.3		8.70A	8.82		3.23		3.508	31
TOTAL	100.77	101.48	476.88	1 884.8	1 438.3	271.33	178.05	1 007.28	213.38	180.10	585.27	178.93	TOTAL
MEAN	3.28	3.82	15.4	63.2	46.4	9.04	5.74	32.5	7.11	5.18	22.8	5.80	MEAN
MAX	4.30	11.1	78.0	233	118	14.2	15.4	240	17.8	8.24	70.3	10.5	MAX
MIN	2.48	1.84	1.88	36.3	14.3	3.78	2.30	3.58	4.30	3.23	4.71	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 240A ON AUG 6
MINIMUM DAILY, 1.84B ON FEB 20
MAXIMUM INSTANTANEOUS,
270 AT 09:22 AST ON AUG 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 28 N
LONG 65 43 24 W
DRAINAGE AREA, 1 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 710	JUL	15 400
FEB	8 770	AUG	87 000
MAR	41 400	SEP	18 400
APR	164 000	OCT	13 800
MAY	124 000	NOV	50 200
JUN	23 400	DEC	15 500

TOTAL DISCHARGE, 580 000 dam³

SHOGOMOC STREAM NEAR TRANS CANADA HIGHWAY - STATION NO. 01AK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.88	0.8808	0.827	11.8	8.94	4.80	0.948	1.10	0.703	1.04	2.17	4.408	1
2	1.54	0.8808	0.873	8.18	10.7	4.05	0.823	0.870	1.22	0.892	3.01	4.408	2
3	1.55	0.8448	0.781	7.50	17.2 A	3.57	0.893	0.848	1.30	1.07	3.10	4.158	3
4	1.38	0.8358	0.732	7.55	18.3 A	3.35	0.812	0.826	1.21	1.11	4.38	3.908	4
5	1.25	0.8258	0.740	8.88	16.8	3.00	0.788	2.07	1.14	1.04	4.80	3.708	5
6	1.18	0.8108	0.818	18.4	15.8	2.88	0.712	8.31	1.08	1.01	4.73	3.808	6
7	0.8408	0.8208	0.824	40.1 E	18.4	2.80	0.885	7.03	1.02	1.03	4.71	3.358	7
8	0.8708	0.8508	0.728	42.1 A	22.2	2.80	0.854	8.45	0.981	1.03	4.42	3.208	8
9	1.00 B	0.8308	0.884	32.7 A	21.4	2.81	0.858	8.08	0.875	0.987	4.85	3.108	9
10	0.8808	0.8208	0.700	25.3	18.0	2.68	0.898	8.80	0.785	0.877	8.77	3.008	10
11	0.8808	0.8108	0.858	20.7	17.2	3.77	1.08	5.84	0.810	0.884	7.22	2.858	11
12	0.8208	0.8008	0.866	17.3	20.4	4.02	1.01	5.23	0.800	0.811	7.42	2.708	12
13	0.8408	0.4908	0.807	14.8	21.8	4.02	1.01	8.03	0.481	0.858	8.88	2.608	13
14	0.8008	0.4808	0.813	13.3	24.1	3.88	1.01	4.77	0.481	0.882	8.48	2.508	14
15	0.7908	0.8808	0.808	12.0	25.1	3.22	1.15	4.23	0.488	0.788	8.07	2.408	15
16	0.8008	0.7008	1.13 B	11.4	22.7	3.28	1.08	3.88	0.484	0.726	8.28	2.308	16
17	0.8008	0.8808	1.10 B	11.4	19.2	3.88	1.03	3.24	0.807	0.743	7.83	2.208	17
18	0.7708	0.8008	1.17 B	11.8	18.8	3.88	0.988	2.83	0.830	0.771	7.88	2.088	18
19	0.7508	0.5408	1.32 B	11.8	13.3	3.54	0.884	2.28	0.805	0.788	7.83	2.028	19
20	0.7208	0.538	1.28 B	11.1	11.3	3.33	0.889	2.07	0.708	0.812	7.07	1.958	20
21	0.8008	0.881	1.30 B	10.7	9.60	2.92	0.787	1.88	1.01	1.18	6.78	1.678	21
22	0.8008	1.12	1.27 B	10.5	8.75	2.55	0.728	1.73	1.01	1.84	6.27	1.638	22
23	0.7708	1.19	1.20 B	9.78	7.81	2.23	0.861	1.59	0.938	1.89	5.808	1.788	23
24	0.7308	1.03	1.14 B	8.05	7.32	2.05	0.802	1.51	1.19	1.58	5.808	1.748	24
25	0.8708	0.955	1.10 B	8.80	6.86	1.76	0.561	1.31	1.17	1.83	5.408	1.698	25
26	0.8208	1.01	1.24 B	8.38	6.40	1.52	0.535	1.13	1.12	1.87	5.208	1.648	26
27	0.8808	1.04	1.37 B	8.48	8.47	1.38	0.538	1.04	1.31	1.85	5.008	1.608	27
28	0.8808	1.00	1.83 B	8.47	8.01	1.30	0.818	0.954	1.18	1.59	5.508	1.588	28
29	0.8508		3.40 B	8.40	8.83	1.18	1.83	0.870	1.14	1.54	5.158	1.528	29
30	0.8508		8.70 B	8.84	5.08	1.07	1.31	0.834	1.11	1.46	4.908	1.508	30
31	0.8108		13.5 B		4.81		1.21	0.768		1.41		1.488	31
TOTAL	28.000	18.888	80.188	432.12	434.88	88.47	27.080	85.467	28.881	35.327	188.84	78.72	TOTAL
MEAN	0.903	0.678	1.82	14.4	14.0	2.88	0.874	3.08	0.888	1.14	5.83	2.54	MEAN
MAX	1.88	1.18	13.5	42.1	25.1	4.80	1.83	8.45	1.31	1.87	7.88	4.80	MAX
MIN	0.810	0.488	0.873	7.50	4.81	1.07	0.538	0.768	0.481	0.728	2.17	1.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.08
MAXIMUM DAILY, 42.1A ON APR 8
MINIMUM DAILY, 0.481 ON SEP 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 58 42 N
LONG 67 19 20 W
DRAINAGE AREA, 234 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 420	JUL	2 340
FEB	1 840	AUG	8 280
MAR	4 340	SEP	2 330
APR	37 300	OCT	3 050
MAY	37 500	NOV	14 800
JUN	7 470	DEC	8 800

TOTAL DISCHARGE, 128 000 dam³

NEW BRUNSWICK

SOUTHWEST MIRAMICHI RIVER AT BLACKVILLE - STATION NO. 01BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.68	23.48	34.08	1488	377	84.9	35.4	42.8	43.8	40.4	40.2	57.68	1
2	37.68	23.18	33.28	1388	448	108	34.8	33.4	67.3	37.8	70.4	53.68	2
3	36.58	22.68	32.48	1328	782	110	37.7	28.4	161	36.1	97.8	51.08	3
4	35.48	22.88	31.78	1308	958	98.2	38.1	26.3	138	40.8	74.8	48.08	4
5	34.08	22.28	30.88	2008	748	88.3	36.7	33.2	84.8	48.8	78.2	46.88	5
6	33.28	22.08	29.78	5158	884	78.3	33.2	217	71.0	45.1	88.3	44.88	6
7	32.58	21.88	28.28	4878	833	73.6	31.3	330	58.2	41.4	83.7	43.08	7
8	31.88	21.88	26.78	869	742	69.5	29.8	245	53.3	40.3	86.8	41.08	8
9	31.08	21.48	26.28	875	807	64.8	28.4	204	49.5	38.5	73.0	38.88	9
10	30.08	21.28	27.78	838	672	60.4	28.0	180	46.8	38.8	188	36.88	10
11	29.78	21.08	27.38	641	600	74.1	38.1	109	43.3	37.0	235	37.68	11
12	28.38	20.88	27.08	385	488	108	60.8	88.3	40.8	35.1	188	36.88	12
13	28.88	20.78	26.78	327	448	105	58.3	105	38.7	33.8	180	36.08	13
14	28.28	20.68	26.48	314	443	90.7	45.8	185	38.0	33.0	127	35.08	14
15	27.88	20.58	30.88	284	384	75.4	38.8	303	38.8	32.4	123	34.08	15
16	27.58	20.48	35.58	276	328	66.5	37.5	285	39.8	31.8	148	33.18	16
17	27.08	20.38	43.08	266	287	66.2	36.2	187	40.7	33.1	240	32.38	17
18	26.68	20.28	44.88	281	283	73.8	33.7	167	43.7	37.4	328	31.88	18
19	26.38	20.18	42.88	352	223	78.0	31.1	124	46.1	38.8	358	30.88	19
20	26.08	20.08	40.08	283	188	70.8	32.5	102	46.2	37.2	301	30.08	20
21	25.88	21.08	37.88	281	180	60.8	34.8	90.8	43.4	36.8	171	29.58	21
22	25.28	22.38	36.78	266	170	53.3	30.5	68.5	46.8	70.8	154	28.78	22
23	24.88	24.08	35.58	245	164	48.2	27.6	68.1	46.2	91.2	128.8	28.08	23
24	24.48	25.78	34.58	223	150	44.0	26.2	81.5	43.1	71.8	108.8	27.88	24
25	24.08	28.08	33.58	212	143	42.4	33.2	73.4	43.8	57.7	88.08	27.08	25
26	23.78	35.08	33.08	212	138	41.0	31.3	65.8	44.4	50.7	86.08	26.58	26
27	23.48	37.08	35.08	233	130	39.6	30.2	58.7	44.8	45.8	80.08	26.08	27
28	24.98	36.68	43.08	264	128	37.8	32.0	54.0	53.6	43.1	72.08	25.68	28
29	24.38		62.08	272	118	37.8	36.6	49.8	61.7	41.5	66.88	25.08	29
30	24.08		82.08	328	107	38.3	73.6	46.2	64.8	38.8	61.88	24.58	30
31	23.78		170.8		87.8		60.6	44.4		38.8		24.08	31
TOTAL	886.9	656.4	1 262.4	8 889	11 243.9	2 086.4	1 122.3	3 877.8	1 847.1	1 348.5	3 803.1	1 083.5	TOTAL
MEAN	28.6	23.4	40.7	330	383	69.9	36.2	119	64.9	43.4	127	35.3	MEAN
MAX	39.6	37.0	170	888	958	110	73.6	330	161	91.2	328	57.5	MAX
MIN	23.4	20.0	26.4	130	87.8	37.8	20.2	28.3	38.8	31.8	40.2	24.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 108
MAXIMUM DAILY, 889 ON APR 8
MINIMUM DAILY, 20.08 ON FEB 20
MAXIMUM INSTANTANEOUS,
1 070 AT 00:01 AST ON APR 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 10 N
LONG 65 49 36 W
DRAINAGE AREA, 5 060 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	76 800	JUL	87 000
FEB	58 700	AUG	318 000
MAR	108 000	SEP	142 000
APR	854 000	OCT	116 000
MAY	971 000	NOV	328 000
JUN	181 000	DEC	94 800

TOTAL DISCHARGE, 3 340 000 dam³

SPEDNIC LAKE AT ST. CROIX - STATION NO. 01AR010

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	116.280	116.426	116.124	116.188	116.698	117.552	117.358	116.531	116.268	116.368	116.141	116.677	1
2	116.247	116.403	116.114	116.217	116.938	117.580	117.328	116.470	116.288	116.361	116.158	116.678	2
3	116.224	116.387	116.083	116.240	117.023	117.585	117.288	116.424	116.248	116.387	116.148	116.718	3
4	116.185	116.376	116.070	116.280	117.108	117.559	117.251	116.384	116.208	116.347	116.208	116.740	4
5	116.181	116.360	116.055	116.352	117.148	117.574	117.226	116.418	116.195	116.313	116.186	116.742	5
6	116.121	116.343	116.056	116.481	117.183	117.575	117.220	116.487	116.128	116.281	116.170	116.737	6
7	116.080	116.328	116.043	116.862	117.273	117.576	117.219	116.500	116.080	116.248	116.185	116.788	7
8	116.085	116.313	116.027	116.871	117.348	117.587	117.214	116.532	116.080	116.223	116.194	116.788	8
9	116.032	116.288	116.004	116.815	117.417	117.591	117.208	116.539	116.028	116.187	116.204	116.787	9
10	116.882	116.272	114.987	116.708	117.487	117.588	117.208	116.537	116.893	116.158	116.280	116.770	10
11	116.873	116.255	114.981	116.178	117.544	117.581	117.284	116.542	116.886	116.136	116.278	116.778	11
12	116.817	116.254	114.940	116.233	117.580	117.540	117.249	116.553	116.834	116.158	116.338	116.774	12
13	116.885	116.238	114.934	116.288	117.547	117.504	117.245	116.588	116.800	116.151	116.329	116.760	13
14	116.861	116.202	114.917	116.324	117.532	117.486	117.236	116.563	116.855	116.136	116.318	116.774	14
15	116.838	116.188	114.906	116.384	117.507	117.494	117.215	116.589	116.828	116.113	116.333	116.774	15
16	116.811	116.188	114.931	116.412	117.486	117.488	117.178	116.621	116.801	116.108	116.341	116.783	16
17	116.783	116.178	114.938	116.471	117.440	117.500	117.128	116.618	116.787	116.117	116.426	116.807	17
18	116.782	116.185	114.988	116.507	117.428	117.501	117.100	116.612	116.738	116.104	116.430	116.803	18
19	116.724	116.148	114.965	116.545	117.428	117.505	117.082	116.618	116.702	116.098	116.482	116.806	19
20	116.694	116.123	114.967	116.563	117.440	117.516	117.078	116.611	116.688	116.078	116.478	116.816	20
21	116.704	116.116	114.980	116.614	117.448	117.515	116.971	116.615	116.648	116.114	116.588	116.818	21
22	116.670	116.141	114.988	116.661	117.487	117.512	116.926	116.621	116.623	116.133	116.618	116.814	22
23	116.640	116.180	114.987	116.701	117.484	117.511	116.885	116.613	116.608	116.132	116.657	116.808	23
24	116.611	116.180	114.980	116.732	117.506	117.498	116.841	116.613	116.622	116.116	116.684	116.805	24
25	116.584	116.188	116.001	116.783	117.528	117.483	116.788	116.606	116.582	116.122	116.686	116.810	25
26	116.585	116.167	116.017	116.770	117.527	117.478	116.787	116.645	116.640	116.125	116.614	116.806	26
27	116.536	116.146	116.022	116.788	117.560	117.482	116.703	116.682	116.683	116.121	116.624	116.811	27
28	116.512	116.133	116.028	116.822	117.587	117.448	116.688	116.650	116.684	116.124	116.638	116.810	28
29	116.486		116.061	116.851	117.536	117.432	116.658	116.610	116.685	116.118	116.648	116.788	29
30	116.480		116.132	116.877	117.538	117.387	116.618	116.588	116.642	116.114	116.687	116.780	30
31	116.439		116.176		117.548		116.588	116.326		116.101		116.784	31
MEAN	116.634	116.237	116.013	116.230	117.401	117.518	117.053	116.528	116.641	116.173	116.381	116.778	MEAN
MAX	116.280	116.426	116.176	116.877	117.560	117.591	117.358	116.621	116.288	116.368	116.687	116.818	MAX
MIN	116.439	116.116	114.906	116.188	116.698	117.387	116.586	116.326	116.442	116.078	116.141	116.677	MIN

WATER LEVELS IN METRES

MEAN, 116.088
MAXIMUM DAILY, 117.591 ON JUN 9
MINIMUM DAILY, 114.906 ON MAR 19
MAXIMUM INSTANTANEOUS,
117.807 AT 06:41 AST ON JUN 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 34 09 N
LONG 67 25 41 W

REGULATED SINCE 1987

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ST. CROIX RIVER AT BARING - STATION NO. 01AR005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.8	62.3	27.0	85.5	79.3	88.2	41.9	88.7	78.5	77.6	61.3	48.8	1
2	50.7	48.4	28.7	78.6	82.0	85.5	46.2	86.3	78.6	77.8	58.3	46.2	2
3	49.8	34.3	40.2	86.0	123	74.5	55.6	82.4	78.3	77.8	44.1	40.2	3
4	54.5	28.6	39.8	80.5	146	74.2	58.6	65.9	75.4	77.6	28.7	33.7	4
5	71.8	34.8	28.0	89.4	155	82.6	48.0	48.7	75.8	78.4	28.6	32.3	5
6	84.3	37.1	28.8	103	183	38.0	51.8	87.2	75.0	78.4	28.2	33.8	6
7	88.1	30.3	30.0	204	181	49.3	50.4	85.5	75.6	78.4	38.0	30.8	7
8	82.7	29.4	28.7	254	209	51.6	58.8	84.1	75.3	78.4	35.1	43.0	8
9	28.7	28.4	24.7	267	195	77.6	47.8	87.7	78.3	78.3	84.1	85.1	9
10	31.7	44.7	27.7	200	183	83.3	46.3	78.5	72.8	77.8	89.8	48.7	10
11	27.1	32.3	27.1	182	188	126	88.1	78.8	74.2	78.7	48.4	40.2	11
12	32.0	28.3	28.8	130	262	133	85.2	73.1	74.8	78.0	88.8	37.8	12
13	28.7	34.8	25.6	116	308	128	81.8	78.4	74.8	78.7	88.0	38.4	13
14	30.8	43.6	25.1	106	428	118	86.0	64.5	75.0	88.5	83.5	49.0	14
15	27.1	28.8	27.6	93.7	483	88.8	85.7	30.0	80.5	81.8	80.8	48.4	15
16	34.3	34.8	28.8	81.8	504	86.9	85.8	28.4	81.2	83.0	83.1	59.7	16
17	84.8	41.3	48.7	83.4	482	88.8	83.8	33.0	70.5	88.4	83.6	87.5	17
18	84.1	42.5	98.0	81.2	416	83.8	83.8	31.7	64.5	88.4	78.2	49.0	18
19	88.8	38.7	48.4	80.6	380	78.4	81.3	28.8	32.0	87.2	78.4	58.8	19
20	46.2	28.8	31.1	80.0	311	84.1	83.2	28.8	30.8	83.0	78.6	45.6	20
21	87.4	33.1	38.8	83.8	218	83.0	83.8	28.8	33.7	81.8	72.8	84.8	21
22	88.8	38.7	28.2	88.8	185	78.7	82.4	28.8	28.8	82.1	58.0	74.8	22
23	85.8	34.3	34.8	88.5	135	78.0	48.8	35.4	33.1	81.8	84.4	84.4	23
24	28.8	28.3	80.1	88.5	84.0	84.8	58.7	48.1	80.4	86.8	85.2	87.7	24
25	28.3	28.3	47.8	86.2	78.0	83.7	82.0	48.1	87.1	83.8	84.4	112	25
26	47.3	28.8	30.3	85.0	81.8	82.4	82.6	61.7	78.8	80.7	82.7	88.5	26
27	84.4	37.8	41.8	88.7	87.6	81.3	48.6	71.1	80.4	37.6	81.3	85.8	27
28	87.4	37.3	82.7	83.8	88.8	85.7	81.2	78.3	78.7	28.1	64.8	84.4	28
29	87.4		70.8	73.9	88.1	82.0	41.6	78.3	78.7	25.8	80.4	88.0	29
30	82.9		88.2	71.4	88.7	37.1	55.8	78.8	77.3	37.4	43.8	82.7	30
31	88.7		88.1		84.7		73.3	78.2		36.8		79.3	31
TOTAL	1 578.3	884.5	1 208.2	2 417.1	5 803.0	2 341.4	1 855.7	1 858.6	1 982.1	1 890.5	1 819.8	1 732.4	TOTAL
MEAN	50.9	34.4	39.0	114	210	78.0	53.6	53.5	85.4	81.0	84.0	85.9	MEAN
MAX	88.1	82.3	85.2	284	504	133	73.3	78.8	80.4	78.0	83.5	112	MAX
MIN	25.7	25.8	24.2	71.4	78.0	38.0	41.8	28.8	28.8	25.8	28.8	30.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 72.7
MAXIMUM DAILY, 504 ON MAY 16
MINIMUM DAILY, 24.2 ON MAR 22
MAXIMUM INSTANTANEOUS,
510 AT 23 00 EST ON MAY 15

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT. 45 08 12 N
LONG. 67 19 05 W
DRAINAGE AREA, 3 590 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	136 000	JUL	143 000
FEB	83 300	AUG	143 000
MAR	108 000	SEP	170 000
APR	235 000	OCT	183 000
MAY	582 000	NOV	180 000
JUN	202 000	DEC	180 000

TOTAL DISCHARGE, 2 290 000 dam³

ST. CROIX RIVER AT VANCEBORO - STATION NO. 01AR004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.0	20.6	15.3	6.60	5.88	8.61	35.7	42.6	43.8	35.1	8.88	8.17	1
2	30.0	20.5	15.3	6.83	8.00	12.8	35.7	42.6	43.8	34.8	8.08	8.17	2
3	28.4	17.9	15.2	6.83	6.12	19.0	38.4	41.8	43.3	34.8	8.12	8.17	3
4	28.2	16.7	15.1	6.88	6.17	16.0	38.4	35.4	44.28	34.3	8.32	8.17	4
5	28.8	16.8	15.1	6.88	6.17	8.27	28.2	32.3	43.88	33.7	8.37	8.17	5
6	28.3	16.8	15.0	6.88	6.17	8.18	13.0	27.8	43.38	33.1	8.37	7.33	6
7	28.1	16.3	15.0	6.82	6.23	8.18	9.74	23.2	43.08	32.8	8.37	8.10	7
8	27.7	16.3	14.9	6.71	6.28	8.18	7.35	18.9	42.08	32.3	8.37	8.10	8
9	27.6	16.3	14.8	6.28	6.48	22.0	7.25	17.1	48.38	31.7	8.37	8.10	9
10	27.6	16.1	14.8	6.40	6.48	43.3	7.28	17.0	48.38	31.4	8.37	8.10	10
11	27.8	16.1	14.8	6.48	14.0	47.0	7.31	17.1	48.38	28.9	8.48	8.27	11
12	26.8	16.1	14.8	6.51	88.7	48.7	7.31	17.2	48.38	18.1	8.68	8.38	12
13	26.7	16.0	14.8	6.60	150	31.7	7.31	13.3	48.38	18.0	8.83	8.21	13
14	26.5	16.0	14.8	6.83	80.4	13.2	8.24	7.78	48.38	16.8	8.83	8.10	14
15	26.4	15.8	11.8	6.48	103	13.2	28.9	7.58	48.38	16.0	8.27	8.10	15
16	28.1	15.8	8.84	5.87	127	14.3	41.6	7.58	48.38	11.6	8.17	8.21	16
17	28.8	15.8	8.43	5.87	118	15.7	44.2	7.58	48.38	8.24	8.17	8.38	17
18	28.7	15.8	8.43	6.20	88.7	18.4	43.8	7.58	43.08	8.24	8.17	8.35	18
19	23.6	15.8	8.43	6.17	84.3	13.3	44.6	7.58	38.58	8.24	8.17	8.35	19
20	22.6	15.7	8.43	6.17	80.7	13.3	44.6	7.58	38.58	8.24	8.17	8.35	20
21	22.6	10.6	8.43	6.17	31.4	13.4	44.2	7.58	38.58	8.24	8.17	8.35	21
22	22.4	7.16	8.43	6.17	11.8	13.5	43.3	7.58	38.58	8.24	8.17	8.35	22
23	23.8	7.16	8.43	6.33	11.1	14.0	43.3	14.1	38.58	8.24	8.17	8.35	23
24	25.0	8.07	8.43	6.28	8.84	14.4	43.0	14.7	38.58	8.24	8.17	8.35	24
25	24.8	9.16	8.43	6.28	8.27	17.2	42.8	30.8	38.58	8.85	8.17	8.35	25
26	24.4	9.16	8.43	6.43	14.8	21.0	42.2	38.4	38.58	8.85	8.17	8.35	26
27	23.0	9.16	8.43	6.08	25.4	25.3	43.0	36.8	38.58	8.85	8.17	8.35	27
28	21.1	13.2	8.43	5.88	40.5	25.3	45.3	38.5	38.5	8.85	8.17	8.1	28
29	21.0		8.84	5.93	32.0	28.8	44.7	38.2	38.8	8.85	8.17	14.1	29
30	20.8		8.56	5.78	10.4	38.0	43.8	42.2	37.9	8.85	8.17	14.1	30
31	20.8		8.56		8.81		43.8	44.5		8.85		7.50	31
TOTAL	794.1	405.54	324.72	190.84	1 173.82	598.02	970.58	718.44	1 300.0	573.08	233.35	269.87	TOTAL
MEAN	25.6	14.5	10.5	6.36	37.9	19.8	31.3	23.2	43.3	18.5	7.78	8.38	MEAN
MAX	30.0	20.6	15.3	6.85	150	47.0	45.3	44.5	48.3	35.1	8.83	14.1	MAX
MIN	20.8	7.16	8.43	5.78	8.81	8.18	7.25	7.58	37.8	8.24	8.17	8.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.7
MAXIMUM DAILY, 150 ON MAY 13
MINIMUM DAILY, 5.78 ON APR 30
MAXIMUM INSTANTANEOUS,
184 AT 20:15 EST ON MAY 12

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT. 45 34 08 N
LONG. 67 26 47 W
DRAINAGE AREA, 1 080 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	68 600	JUL	83 900
FEB	35 100	AUG	92 200
MAR	28 100	SEP	112 000
APR	16 500	OCT	48 500
MAY	101 000	NOV	30 100
JUN	51 500	DEC	22 500

TOTAL DISCHARGE, 85 1 000 dam³

NEW BRUNSWICK

ST. FRANCIS RIVER AT OUTLET OF GLASIER LAKE - STATION NO. 01AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.57	5.77	4.32	9.94	67.9	34.8	14.0	4.21	2.62	1.81	4.63	5.13	1
2	5.43	5.86	4.19	11.8	80.7	35.3	13.3	4.00	3.71	1.85	4.82	5.78A	2
3	5.20	5.89	4.14	13.4	89.0	35.4	12.8	4.09	3.72	2.17	4.83	5.85	3
4	5.08	5.88	3.88	14.8	118	36.3	12.1	4.00	3.41	2.30	4.70	5.79	4
5	5.88	5.88	3.98	16.2	124	36.7	11.4	3.89	3.24	2.28	4.44	5.42	5
6	5.83	5.84	4.04	18.4	122	42.8	10.7	3.93	3.00	2.20	4.48	5.24	6
7	5.74	5.81	3.81	24.3	128	46.0	10.3	4.07	2.92	2.20	4.85	5.02	7
8	5.68	5.80	3.75	37.4	138	43.4	9.86	4.08	2.82	2.19	4.70	4.89A	8
9	5.18	5.62	3.80	54.3	140	40.0	9.12	3.80	2.89	2.18	4.81	4.79E	9
10	7.95	5.48	3.80	88.1	130	37.7	8.85	3.72	2.88	2.23	5.33	4.67E	10
11	7.95	5.38	3.74	88.7	118	39.8	8.37	3.59	2.88	2.18	5.75	4.30E	11
12	7.92	5.22	3.76	86.3	108	43.7	8.01	3.46	2.72	2.12	6.58	4.19E	12
13	7.83	5.17	3.66	81.8	110	47.6	8.58	3.41	2.88	2.19	7.12	4.03A	13
14	7.44	4.93	3.52	57.8	117	47.9	8.33	3.83	2.80	2.21	7.80	3.88	14
15	7.25	4.94	3.56	58.7	118	44.8	7.98	3.77	2.88	2.13	7.84	3.90E	15
16	7.10	4.94	3.72	58.2	113	41.0	7.59	3.63	2.82	2.20	8.05	3.85E	16
17	6.88	4.88	3.82	60.7	101	38.1	7.20	3.58	2.46	2.43	8.01	3.80E	17
18	6.91	4.72	3.91	64.1	88.6	38.1	6.85	3.52	2.43	2.41	8.14	3.78E	18
19	6.80	4.65	4.10	78.2	77.1	34.4	6.84	3.33	2.34	2.45	8.34	3.70E	19
20	6.78	4.56	4.19	85.1	67.4	32.4	6.28	3.15	2.28	2.49	8.38	3.85E	20
21	6.88	4.65	4.47	80.3	60.0	30.3	6.00	3.13	2.26	2.88	8.42	3.60E	21
22	6.48	4.84	4.58	80.5	54.8	27.8	5.77	3.28	2.29	3.34	8.18	3.54E	22
23	6.42	4.67	4.55	88.3	52.7	25.5	5.53	3.23	2.44	3.69	8.45	3.48E	23
24	6.38	4.61	4.85	79.1	51.4	23.3	5.26	3.24	2.48	4.06	7.85	3.42E	24
25	6.26	4.47	4.84	71.4	49.2	21.3	5.06	3.10	2.22	4.35	7.44	3.38E	25
26	6.06	4.37	4.88	64.5	45.9	19.7	5.09	2.82	2.20	4.60	7.21A	3.35E	26
27	6.12	4.33	4.90	60.6	43.1	18.2	4.82	2.66	2.29	4.66	6.89A	3.32E	27
28	6.00	4.25	5.05	58.7	41.5	17.0	4.67	2.63	2.08	4.69	6.60	3.28E	28
29	5.92		5.73	56.6	39.4	15.2	4.78	2.53	2.08	4.81	6.72	3.28E	29
30	5.83		6.18	61.2	37.8	15.0	4.81	2.84	2.08	4.83	6.31	3.23E	30
31	5.76		7.82		36.5		4.36	2.85		4.48		3.20E	31
TOTAL	229.35	141.89	135.08	1 846.64	2 870.9	1 009.4	246.23	107.12	78.53	90.49	203.12	129.36	TOTAL
MEAN	7.40	5.07	4.36	54.5	85.2	33.6	7.94	3.46	2.62	2.92	6.77	4.17	MEAN
MAX	9.57	5.77	7.82	140	140	47.9	14.0	4.21	3.72	4.69	8.42	6.13	MAX
MIN	5.76	4.25	3.52	9.94	36.5	15.0	4.36	2.52	2.08	1.81	4.44	3.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.3
MAXIMUM DAILY, 140 ON MAY 9
MINIMUM DAILY, 1.81 ON OCT 1
MAXIMUM INSTANTANEOUS,
142 AT 01:59 AST ON MAY 9

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 12 25 N
LONG 68 57 25 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 800	JUL	21 300
FEB	12 300	AUG	9 260
MAR	11 700	SEP	8 780
APR	142 000	OCT	7 820
MAY	231 000	NOV	17 500
JUN	87 200	DEC	11 200

TOTAL DISCHARGE, 578 000 dam³

TETAGOUCHE RIVER NEAR WEST BATHURST - STATION NO. 01BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.808	1.02 B	0.8008	4.808	34.4	8.87	1.55	1.22	1.85	0.832	1.01	1.43 B	1
2	1.768	1.02 B	0.8008	4.608	44.9	7.45	1.51	1.18	2.69	0.807	1.44	1.38 B	2
3	1.708	1.00 B	0.7808	4.508	58.4	8.70	1.77	1.04	2.92	0.859	1.40	1.33 B	3
4	1.858	0.9908	0.7808	4.338	78.8	5.83	1.73	0.958A	3.24	0.832	1.42	1.29 B	4
5	1.808	0.9708	0.7858	4.008	83.1	5.13	1.85	1.14	1.81	0.810	1.458	1.25 B	5
6	1.588	0.9508	0.7858	4.208	38.8	4.83	1.88	2.48	1.61	0.800	1.41	1.21 B	6
7	1.558	0.9308	0.7808	7.008	38.2	4.11	1.68	2.88	1.43	0.788	1.50	1.18 B	7
8	1.508	0.9208	0.7808	14.5 B	36.0	3.81	1.33	2.30	1.29	0.853	1.42	1.15 B	8
9	1.578	0.9108	0.7808	14.0 B	34.3	3.45	1.21	2.17	1.21	0.882	1.42	1.12 B	9
10	1.608	0.9008	0.7708	13.0 B	27.8	3.16	1.10	1.78	1.15	0.846	2.83	1.09 B	10
11	1.558	0.8908	0.7708	14.0 B	22.8	4.74	4.50	1.45	1.05	0.832	2.79	1.06 B	11
12	1.488	0.8708	0.7708	16.5 B	26.2	5.45	6.83	1.33	0.973	0.784	2.45	1.03 B	12
13	1.458	0.8808	0.7808	20.0 B	21.8	4.84	4.37	1.70	0.842A	0.773	1.898	1.01 B	13
14	1.408	0.8608	0.7808	27.0 B	18.5	3.89	3.18	8.32	0.880A	0.847	3.01	0.9888	14
15	1.368	0.8508	0.8308	27.0 B	16.5	3.39	2.80	4.78	0.909	0.830	2.11	0.9808	15
16	1.358	0.8508	1.45 B	24.0 B	14.7	3.20	2.28	3.40	1.01	0.788	3.11	0.9508	16
17	1.328	0.8408	2.20 B	15.5 B	13.4	3.47	2.08	2.88	1.02	1.02	4.82	0.9408	17
18	1.308	0.8408	2.70 B	13.7	12.1	3.40	1.88	2.28	0.990	1.21	4.77	0.9208	18
19	1.288	0.8308	2.80 B	12.4	10.8	3.28	1.77	1.85	1.01	1.17	3.83	0.9108	19
20	1.238	0.8208	2.45 B	12.8	9.92	2.85	1.82	1.60	0.874	1.08	3.09	0.9008	20
21	1.208	0.8208	2.05 B	14.4	9.25	2.71	1.40	1.54	0.861	1.05	10.1	0.8808	21
22	1.188	0.8108	1.70 B	14.5	8.69	2.80	1.28	1.53	0.938	1.12	2.708	0.8808	22
23	1.158	0.8058	1.25 B	12.6	8.59	2.53	1.08	2.48	1.06	1.22	2.388	0.8708	23
24	1.138	0.8008	0.9808	11.6	8.07	2.34	0.944	2.17	1.09	1.17	2.208	0.8608	24
25	1.108	0.8008	1.05 B	10.7	7.55	2.18	0.977	1.78	1.02	1.12	2.058	0.8508	25
26	1.088	0.8008	1.35 B	10.4	7.04	2.08	0.947	1.41	0.905	1.10	1.928	0.8408	26
27	1.068	0.8008	1.70 B	11.8	6.50	1.94	0.905	1.28	0.807	1.07	1.838	0.8308	27
28	1.058	0.8008	2.40 B	11.8	6.09	2.05	1.18	1.13	0.893	0.976	1.728	0.8208	28
29	1.048		3.20 B	15.8	5.84	1.82	1.69	1.05	0.894	0.983	1.638	0.8108	29
30	1.038		4.30 B	26.0	5.05	1.83	1.58	1.10	0.845	0.928	1.518	0.8058	30
31	1.008		5.00 B		4.87		1.32	2.27		0.885		0.8008	31
TOTAL	42.08	24.555	48.330	388.13	722.82	108.88	69.403	82.158	37.381	29.348	74.32	31.343	TOTAL
MEAN	1.38	0.877	1.58	13.3	23.3	3.67	1.93	2.01	1.25	0.947	2.48	1.01	MEAN
MAX	1.80	1.02	5.00	27.0	83.1	7.45	6.83	8.32	2.92	1.22	10.1	1.43	MAX
MIN	1.00	0.800	0.780	4.00	4.87	1.82	0.905	0.958	0.845	0.773	1.01	0.800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.48
MAXIMUM DAILY, 83.4 ON MAY 3
MINIMUM DAILY, 0.7808 ON MAR 13
MAXIMUM INSTANTANEOUS,
95.6 AT 06:36 AST ON MAY 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 21 N
LONG 66 41 37 W
DRAINAGE AREA, 283 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 830	JUL	6 130
FEB	2 120	AUG	5 370
MAR	4 180	SEP	3 230
APR	34 400	OCT	2 840
MAY	62 500	NOV	8 420
JUN	9 500	DEC	2 710

TOTAL DISCHARGE, 142 000 dam³

NEW BRUNSWICK

TOBIQUE RIVER AT NARROWS - STATION NO. 01AH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.4	80.3	33.3	61.8	332	76.8	3.42	24.0	82.4	32.4	28.7	61.4	1
2	80.3	47.6	8.11	74.8	316	116	16.8	19.0	61.3	33.2	38.1	70.2	2
3	61.3	84.2	21.8	74.1	723	110	33.4	28.2	117	42.2	44.7	36.5	3
4	80.3	86.0	21.8	82.4	760	32.8	30.4	16.8	117	41.8	49.8	48.7	4
5	48.0	48.2	16.8	86.8	686	48.8	30.8	38.4	82.8	100	36.8	67.8	5
6	80.1	38.0	17.4	102	483	84.3	27.1	88.4	74.6	37.2	42.8	63.3	6
7	38.1	83.0	36.8	240	501	44.8	33.3	107	68.6	38.8	48.2	88.8	7
8	40.3	41.7	18.3	361	473	86.2	21.2	88.8	81.3	38.8	86.7	85.2	8
9	48.4	80.4	17.8	310	408	88.1	13.4	72.0	48.8	39.0	78.4	80.8	9
10	70.8	48.0	18.2	262	307	84.3	37.8	88.8	44.4	32.8	108	34.0	10
11	88.0	38.3	12.3	208	278	88.4	38.7	48.8	48.7	48.8	80.0	48.8	11
12	70.1	37.8	18.7	178	328	87.8	48.2	38.2	38.2	44.8	11.3	48.8	12
13	88.4	48.7	18.2	187	298	78.8	36.2	83.2	41.7	12.1	88.8	88.2	13
14	70.8	43.8	18.3	188	278	81.7	22.8	367	38.3	37.8	48.8	82.8	14
15	88.4	48.8	24.8	180	241	88.0	16.1	477	81.8	8.01	88.8	82.3	15
16	83.2	40.0	30.4	188	227	81.2	14.2	282	27.7	38.3	107	82.8	16
17	87.3	48.8	28.3	170	301	32.7	24.7	206	37.7	38.8	114	82.4	17
18	88.1	48.4	18.3	186	171	80.8	23.1	188	38.0	88.7	123	83.7	18
19	88.4	32.3	30.8	178	184	81.8	18.1	125	37.8	27.3	123	88.0	19
20	87.8	48.0	42.8	188	130	43.8	17.3	103	28.2	44.8	108	43.8	20
21	81.0	35.2	28.4	188	122	48.1	28.2	82.4	37.3	22.2	118	82.4	21
22	72.3	28.1	32.8	161	114	43.8	18.4	84.8	88.7	47.8	108	88.8	22
23	80.7	30.8	21.2	141	114	31.8	8.82	75.7	15.2	48.8	87.4	28.8	23
24	87.4	30.7	18.4	128	114	37.8	18.7	88.8	82.2	37.1	83.8	33.8	24
25	88.8	28.8	0.869	118	108	41.7	11.8	88.2	37.8	38.1	81.4	28.8	25
26	84.8	31.8	3.70	118	102	41.7	21.4	83.0	38.3	35.1	88.1	37.8	26
27	81.3	22.1	12.8	118	83.8	22.8	21.8	78.8	31.8	28.7	88.7	44.8	27
28	82.2	28.0	84.8	118	88.0	38.8	38.3	48.8	48.0	82.4	102	80.3	28
29	82.8		88.8	122	74.8	32.2	74.0	41.2	43.3	31.0	47.8	48.4	29
30	83.4		18.8	183	81.0	48.7	80.1	38.2	42.0	32.8	87.8	42.1	30
31	88.8		49.2		80.4		48.8	48.2		88.8		43.2	31
TOTAL	1 832.1	1 188.4	750.869	4 710.2	8 080.8	1 848.5	838.14	3 001.3	1 820.8	1 210.81	2 188.8	1 888.3	TOTAL
MEAN	88.1	41.4	24.2	157	280	88.0	28.8	88.8	80.7	38.1	73.3	80.8	MEAN
MAX	72.3	80.3	88.8	381	760	118	74.0	477	117	100	133	70.2	MAX
MIN	38.1	22.1	0.869	82.4	81.0	32.8	3.42	16.8	16.2	8.01	11.3	28.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.1
MAXIMUM DAILY, 760 ON MAY 4
MINIMUM DAILY, 0.869 ON MAR 28

DATA CONTRIBUTED BY -
NEW BRUNSWICK ELECTRIC POWER COMMISSION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 47 30 N
LONG 67 41 00 W
DRAINAGE AREA, 4 330 km²

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	158 000	JUL	72 200
FEB	100 000	AUG	258 000
MAR	64 800	SEP	131 000
APR	407 000	OCT	108 000
MAY	698 000	NOV	190 000
JUN	142 000	DEC	138 000

TOTAL DISCHARGE, 2 480 000 dam³

TOBIQUE RIVER AT PLASTER ROCK - STATION NO. 01AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.08	50.88	18.18	26.88	185	58.8	28.8	22.7	45.8	32.8	30.2	55.08	1
2	50.08	48.08	17.38	28.88	217	84.5	26.8	19.8	64.7	28.8	44.7	38.88	2
3	49.08	47.08	17.08	24.08	427	71.4	32.0	18.7	102	35.8	36.4	48.08	3
4	49.08	46.08	17.18	27.88	481	82.8	27.2	16.8	85.7	34.3	38.8	54.08	4
5	48.08	43.08	17.28	40.08	387	81.2	27.8	23.0	88.0	34.7	38.8	52.08	5
6	54.08	40.08	17.38	70.08	333	88.8	27.8	88.7	81.2	38.1	32.8	81.08	6
7	54.08	41.88	18.78	180 S	322	81.2	28.8	80.1	83.3	31.4	38.1	88.88	7
8	51.08	41.08	18.88	400 S	310	47.8	23.4	83.4	48.8	33.1	38.2	48.08	8
9	88.88	38.08	18.88	387	283	46.8	21.8	88.7	46.1	32.8	37.8	41.08	9
10	82.08	36.08	18.88	284	237	43.8	21.8	43.7	42.8	30.8	80.8	38.88	10
11	88.88	32.88	18.78	228	211	83.8	31.2	34.8	43.8	28.2	88.2	41.08	11
12	84.08	36.08	18.48	188	230	72.0	37.8	31.2	40.8	33.4	87.8	48.88	12
13	84.08	32.88	18.88	177	208	70.8	32.8	80.0	37.8	28.8	83.2	48.08	13
14	86.08	31.88	18.08	188	188	81.7	28.2	373	38.1	28.4	80.8	48.08	14
15	86.08	33.08	18.78	180	174	88.2	28.1	311	38.8	27.8	83.2	48.08	15
16	81.08	35.08	18.88	188	185	81.8	23.2	183	38.8	27.8	78.0	48.08	16
17	80.08	31.88	17.28	184	181	83.8	20.7	184	38.8	34.3	82.8	48.08	17
18	88.08	30.88	16.88	138	138	80.2	18.8	128	38.4	40.8	113	48.08	18
19	87.08	27.08	16.28	124	123	48.8	18.8	88.8	33.2	38.7	88.8	48.88	19
20	86.88	26.88	18.78	127	112	44.8	18.1	84.8	30.8	40.8	83.3	45.08	20
21	88.88	24.08	18.28	118	188	44.3	18.0	78.8	30.8	37.0	88.4	42.88	21
22	84.88	22.08	14.88	118	88.8	41.8	18.1	77.3	30.8	37.4	88.8	38.88	22
23	88.88	23.08	14.78	107	88.7	38.1	18.4	88.4	82.1	34.8	78.8	42.08	23
24	87.08	21.88	14.88	88.8	88.8	38.8	18.8	81.8	42.2	32.1	88.7	38.08	24
25	88.08	21.28	14.08	83.8	81.4	33.7	18.2	88.7	38.8	30.3	88.2	38.48	25
26	84.88	20.48	14.18	88.2	78.3	33.0	18.8	48.7	31.8	28.8	87.2	38.28	26
27	84.88	20.88	17.08	81.1	88.8	30.4	30.2	42.8	37.8	28.8	80.88	38.08	27
28	84.28	18.88	18.08	88.1	88.8	28.3	24.8	38.4	37.7	28.1	78.08	37.88	28
29	84.08		22.08	83.8	81.8	30.1	87.4	38.8	41.2	26.8	84.08	38.88	29
30	85.48		24.08	124	87.4	27.7	41.8	38.1	36.8	27.7	71.08	38.88	30
31	81.08		27.08		84.1		28.8	48.8		28.8		41.08	31
TOTAL	1 702.4	818.2	524.8	4 088.3	5 734.5	1 488.8	788.0	2 628.2	1 384.1	1 001.8	1 884.7	1 370.8	TOTAL
MEAN	84.8	32.7	18.8	138	185	80.0	28.4	78.4	46.1	32.3	82.2	44.2	MEAN
MAX	82.0	80.8	27.0	400	481	84.8	87.4	373	102	40.8	113	82.0	MAX
MIN	48.0	18.8	14.0	24.0	84.1	27.7	18.1	18.8	30.8	28.8	30.2	38.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.8
MAXIMUM DAILY, 481 ON MAY 4
MINIMUM DAILY, 14.08 ON MAR 25
MAXIMUM INSTANTANEOUS,
514 AT 18:84 AST ON AUG 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 84 18 N
LONG 67 33 42 W
DRAINAGE AREA, 3 130 km²

B - ICE CONDITIONS

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	147 000	JUL	87 800
FEB	78 200	AUG	210 000
MAR	48 400	SEP	120 000
APR	353 000	OCT	88 800
MAY	495 000	NOV	181 000
JUN	130 000	DEC	118 000

TOTAL DISCHARGE, 2 010 000 dam³

NEW BRUNSWICK

TOBIQUE RIVER AT RILEY BROOK - STATION NO. 01AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.5 B	44.5 B	15.0 B	15.3 B	104	51.1	32.5	14.5	33.2	22.2	22.5	39.0 B	1
2	41.0 B	43.0 B	17.5 B	14.0 B	139	57.5	24.5	13.7	50.6	25.3	25.2	35.0 B	2
3	41.1 B	40.5 B	18.2 B	13.3 B	200	51.2	23.5	13.5	63.2	22.2	21.7	30.5 B	3
4	38.5 B	38.5 B	16.5 B	14.0 B	317	47.4	22.0	13.4	51.5	24.5	22.0	28.0 B	4
5	42.3 B	37.0 B	15.5 B	35.0 B	283	46.5	22.5	17.5	46.1	29.0	20.5	42.0 B	5
6	42.0 B	36.5 B	15.7 B	80.0 B	227	43.3	23.4	25.5	42.3	33.0	20.5	30.5 B	6
7	40.0 B	38.0 B	15.3 B	120 B	221	41.1	21.0	25.5	38.7	22.0	22.5	28.5 B	7
8	48.0 B	36.0 B	14.5 B	206 B	210	38.7	19.5	28.7	36.5	22.5	22.5	32.0 B	8
9	51.0 B	33.0 B	14.5 B	180 B	187	36.5	18.1	29.5	33.5	22.4	23.5	29.0 B	9
10	48.0 B	36.0 B	15.0 B	150 B	163	35.5	17.7	23.5	33.5	21.1	32.5	24.7 B	10
11	45.0 B	35.0 B	14.5 B	110 B	148	45.5	24.5	21.4	31.5	20.5	33.5	26.5 B	11
12	47.5 B	34.5 B	14.5 B	86.0 B	150	47.1	26.5	19.5	30.0	23.7	31.5	29.2 B	12
13	46.0 B	33.5 B	14.2 B	85.3	138	45.5	21.4	20.1	28.5	20.4	31.1	32.2 B	13
14	45.0 B	33.2 B	14.2 B	73.3	130	42.7	18.5	121	27.7	20.3	30.4	30.5 B	14
15	49.0 B	33.0 B	15.0 B	86.7	124	40.5	18.3	108	28.2	20.2	41.5	31.0 B	15
16	49.5 B	35.0 B	15.2 B	86.5	121	39.3	17.3	69.6	28.5	19.5	43.0	30.2 B	16
17	46.0 B	35.0 B	15.7 B	87.5	111	38.7	15.4	80.1	28.5	23.3	38.5	31.2 B	17
18	47.5 B	37.0 B	15.1 B	70.3	102	36.5	14.5	71.7	28.5	29.2	58.2	30.5 B	18
19	47.0 B	36.0 B	14.2 B	85.5	94.3	36.2	14.5	57.5	24.7	28.0	51.0	30.5 B	19
20	46.0 B	36.0 B	14.2 B	70.5	87.5	36.0	14.0	52.5	23.5	28.0	58.3	30.0 B	20
21	45.5 B	35.0 B	13.5 B	72.5	81.5	34.5	13.0	50.2	24.3	23.0	59.3	27.5 B	21
22	46.0 B	36.5 B	13.5 B	73.4	76.5	33.2	13.5	47.4	30.9	22.4	60.4	26.5 B	22
23	46.0 B	34.5 B	13.3 B	69.4	72.1	31.7	13.5	43.5	36.0	21.5	53.3	26.7 B	23
24	46.0 B	33.0 B	13.0 B	85.5	68.1	30.4	16.7	41.3	28.7	20.5	54.1	28.0 B	24
25	46.0 B	32.0 B	12.5 B	82.5	63.4	29.2	18.3	36.0	25.5	20.0	50.7	26.2 B	25
26	45.3 B	31.0 B	12.6 B	80.4	59.2	27.3	17.0	33.4	23.7	19.4	45.5	24.2 B	26
27	45.5 B	30.0 B	12.4 B	80.1	56.4	26.3	17.5	31.3	25.1	18.5	45.7	23.5 B	27
28	45.5 B	16.5 B	12.2 B	59.3	53.2	25.4	17.7	29.5	27.0	18.5	54.5	23.5 B	28
29	46.3 B		13.5 B	61.5	49.5	24.5	34.1	28.5	28.7	18.0	43.7 B	24.5 B	29
30	45.5 B		17.0 B	76.3	47.5	23.5	19.0	28.5	25.1	18.5	42.5 B	25.5 B	30
31	45.0 B		16.5 B		45.4		16.5	26.1		18.4		25.0 B	31
TOTAL	1 406.5	895.5	457.8	2 254.3	3 996.3	1 147.9	585.0	1 277.3	988.0	684.5	1 181.4	913.5	TOTAL
MEAN	45.4	32.0	14.8	75.1	129	38.3	18.9	41.2	32.9	22.1	38.4	29.5	MEAN
MAX	51.0	44.5	18.0	206	317	57.5	34.5	121	63.2	29.2	60.4	42.0	MAX
MIN	38.5	16.5	12.2	12.3	45.4	23.5	13.0	13.4	23.7	18.4	20.9	23.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.3
MAXIMUM DAILY, 317 ON MAY 4
MINIMUM DAILY, 12.2 B ON MAR 28
MAXIMUM INSTANTANEOUS,
336 AT 01:35 AST ON MAY 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 10 24 N
LONG 67 12 36 W
DRAINAGE AREA, 2 230 km²

B - ICE CONDITIONS

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	122 000	JUL	50 500
FEB	77 500	AUG	110 000
MAR	39 500	SEP	85 400
APR	195 000	OCT	59 100
MAY	345 000	NOV	102 000
JUN	99 200	DEC	78 900

TOTAL DISCHARGE, 1 380 000 dam³

TURTLE CREEK AT TURTLE CREEK - STATION NO. 01BU003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00 B	0.650B	1.95 B	4.91	5.61	1.35	0.540	0.309	0.262	0.284	0.885	0.810B	1
2	0.930B	0.650B	1.40 B	4.38	7.36	1.33	0.480	0.299	0.348	0.263	0.820	0.850B	2
3	0.870B	0.780B	1.15 B	4.55	15.2	1.27	0.468	0.282	0.304	0.448	0.884	0.900B	3
4	0.830B	0.730B	1.05 B	5.29	10.7	1.22	0.587	0.263	0.253	0.933	0.717	0.770B	4
5	0.760B	0.650B	0.950B	14.9	8.33	1.16	0.546	0.247	0.271	0.427	0.629	0.740B	5
6	0.720B	0.640B	0.880B	20.1	7.05	1.09	0.528	0.412	0.242	0.377	0.537	0.690B	6
7	0.680B	0.613B	0.810B	26.8	10.1	1.07	0.585	0.277	0.248	0.378	0.554	0.650B	7
8	0.800B	0.570B	0.780B	12.5	8.53	1.35	0.691	0.241	0.246	0.355	0.554	0.630B	8
9	1.20 B	0.640B	0.880B	8.82	7.15	1.94	0.544	0.281	0.238	0.314	0.625	0.600B	9
10	0.882B	0.610B	0.830B	6.87	6.26	1.26	0.490	0.311	0.232	0.303	2.88	0.640B	10
11	0.800B	0.680B	0.580B	5.81	5.81	1.85	1.16	0.322	0.226	0.305	2.36	0.680B	11
12	0.850B	0.650B	0.540B	5.14	5.25	1.76	2.04	0.339	0.244	0.333	2.10	0.650B	12
13	0.890B	0.625B	0.500B	4.79	4.92	1.41	0.998	0.389	0.238	0.328	1.83	0.535B	13
14	1.10 B	0.600B	0.475B	4.57	4.79	1.17	0.782	0.416	0.238	0.327	1.64	0.515B	14
15	1.40 B	0.550B	2.90 B	4.31	4.48	0.991	0.678	0.340	0.844	0.306	1.92	0.500B	15
16	1.25 B	0.500B	8.40 B	4.22	4.06	1.22	0.576	0.267	0.493	0.313	2.37	0.480B	16
17	1.12 B	0.460B	4.00 B	5.88	3.74	1.49	0.538	0.291	0.434	0.328	3.27	0.475B	17
18	1.02 B	0.425B	4.30 B	5.43	3.47	1.24	0.528	0.285	0.455	0.385	1.97	0.465B	18
19	0.950B	0.400B	2.75 B	5.42	3.32	1.07	0.506	0.285	0.328	0.365	2.01	0.455B	19
20	0.900B	0.700B	2.00 B	5.71	2.89	0.962	0.485	0.282	0.306	0.329	1.77	0.445B	20
21	0.840B	4.00 B	1.50 B	5.29	2.65	0.824	0.456	0.283	0.324	0.386	1.67 B	0.423B	21
22	0.780B	13.0 B	1.27 B	5.17	2.47	0.778	0.415	0.333	0.306	0.438	1.42 B	0.430B	22
23	0.740B	8.85	1.08 B	4.98	2.22	0.777	0.410	0.325	0.278	0.346	1.32 B	0.410B	23
24	0.700B	4.05	0.920B	4.70	2.05	0.721	0.417	0.383	0.402	0.335	1.18 B	0.405B	24
25	0.670B	3.20 B	0.800B	4.59	2.06	0.722	0.391	0.313	0.347	0.318	1.08 B	0.400B	25
26	0.638B	2.70 B	2.00 B	4.38	1.97	0.787	0.378	0.280	0.340	0.312	0.980B	0.389B	26
27	0.800B	2.35 B	5.80 B	4.26	1.82	0.883	0.380	0.280	0.483	0.319	0.870B	0.395B	27
28	0.758B	2.08 B	11.0 B	4.31	1.83	0.717	0.401	0.264	0.384	0.317	0.800B	0.390B	28
29	0.645B		18.7 B	4.45	1.84	0.887	0.451	0.274	0.369	0.314	1.10 B	0.388B	29
30	0.525B		8.62	5.02	1.42	0.873	0.378	0.272	0.312	0.311	0.980B	0.388B	30
31	0.500B		5.09		1.44		0.320	0.272		0.309		0.388B	31
TOTAL	28.082	49.873	92.925	210.37	160.87	33.272	18.822	9.776	8.782	10.808	39.674	18.843	TOTAL
MEAN	0.842	1.37	3.00	7.01	4.85	1.11	0.597	0.315	0.328	0.349	1.33	0.637	MEAN
MAX	1.40	13.0	18.7	26.8	15.2	1.94	2.04	0.416	0.844	0.832	2.88	0.810	MAX
MIN	0.500	0.400	0.475	4.22	1.42	0.873	0.320	0.262	0.232	0.283	0.837	0.388	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.63
MAXIMUM DAILY, 26.8 ON APR 7
MINIMUM DAILY, 0.224 ON SEP 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 39 N
LONG 64 52 44 W
DRAINAGE AREA, 129 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 350	JUL	1 900
FEB	4 290	AUG	845
MAR	8 030	SEP	845
APR	18 200	OCT	936
MAY	13 000	NOV	3 450
JUN	2 870	DEC	1 440

TOTAL DISCHARGE, 57 800 dam³

UPSALQUITCH RIVER AT UPSALQUITCH - STATION NO. 01BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.0 B	8.10B	5.25B	21.8B	184	48.8	16.0	11.2	11.4	8.85	9.15	11.0 B	1
2	13.8 B	8.25B	4.99B	23.3B	207	57.4	15.7	10.4	20.2	8.85	10.9	10.8 B	2
3	13.6 B	8.05B	4.87B	24.3B	457 A	60.7	18.2	10.2	28.6	8.49	11.0	10.5 B	3
4	13.4 B	7.75B	4.71B	28.8B	481 A	48.3	18.3	10.4	18.7	8.98	10.6	10.1 B	4
5	13.2 B	7.70B	4.71B	30.4B	369 A	48.0	15.7	10.8	15.6	8.87	10.4	9.80B	5
6	13.1 B	7.60B	4.72B	36.8B	316	42.1	18.7	11.7	13.5	9.02	9.55	9.80B	6
7	13.0 B	7.45B	4.72B	52.0B	321	38.2	16.4	14.3	12.3	9.41	9.70	9.40B	7
8	12.8 B	7.10B	4.82B	66.0B	305	36.3	14.0	15.8	11.5	9.82	10.3	9.20B	8
9	12.6 B	7.10B	4.91B	67.0B	287	33.9	13.1	19.2	11.1	9.70	10.7	9.00B	9
10	12.8 B	6.95B	5.16B	75.0B	235	31.5	13.1	15.2	10.8	9.05	14.0	8.80B	10
11	12.2 B	6.82B	5.05B	75.0B	197	42.1	21.5	12.7	10.4	8.87	17.3	8.80B	11
12	11.3 B	6.87B	4.82B	72.0B	188	42.6	27.3	11.5	10.4	8.81	16.0	8.40B	12
13	10.5 B	7.00B	4.55B	70.5	179	39.3	20.2	12.0	10.3	8.48	14.2	8.20B	13
14	10.1 B	6.85B	4.81B	75.4	180	36.2	17.5	18.5	9.97	8.68	13.2	8.00B	14
15	9.95B	6.36B	4.88B	69.8	163	34.4	16.7	20.3	9.72	8.64	13.4	7.80B	15
16	9.90B	6.08B	5.12B	71.5	148	32.8	15.4	18.5	9.88	8.43	18.1	7.65B	16
17	9.60B	6.17B	5.27B	74.1	128	33.4	14.3	16.1	9.45	10.5	20.5	7.50B	17
18	9.35B	6.14B	5.38B	73.8	125	32.5	13.7	14.8	9.56	11.6	24.3	7.35B	18
19	9.15B	6.00B	5.09B	74.0	112	30.0	12.8	12.8	9.51	10.3	22.3	7.20B	19
20	8.90B	5.65B	6.22B	76.1	99.7	27.6	12.0	12.2	8.98	9.92	18.1	7.05B	20
21	8.70B	5.21B	6.27B	80.9	93.2	25.1	11.3	12.1	9.02	9.88	19.1 B	6.90B	21
22	8.60B	5.30B	6.14B	81.2	85.0	24.6	11.0	12.4	9.15	9.53	20.0 B	6.75B	22
23	9.00B	5.30B	5.85B	76.4	81.8	23.4	10.8	12.1	8.86	9.41	18.8 B	6.80B	23
24	8.80B	5.12B	5.34B	73.9	75.4	22.1	10.1	11.5	10.5	9.31	14.6	6.50B	24
25	8.50B	5.45B	5.24B	70.8	69.8	20.8	10.1	10.8	10.2	9.42	13.8 B	6.30B	25
26	8.20B	5.84B	5.20B	99.0	65.3	20.2	10.3	10.4	9.54	8.91	13.2 B	6.20B	26
27	7.90B	5.63B	5.10B	70.5	68.6	19.8	10.1	10.1	9.25	8.84	12.6 B	6.10B	27
28	7.95B	5.58B	5.07B	69.8	65.6	19.0	10.5	9.57	9.38	8.57	12.2 B	6.00B	28
29	8.05B		5.84B	75.0	51.5	18.1	15.1	9.40	9.25	8.39	11.8 B	5.90B	29
30	8.00B		8.81B	110	47.7	16.7	13.8	9.19	9.12	8.55	11.5 B	5.80B	30
31	8.00B		17.0 B		45.2		12.1	11.6		8.57		5.70B	31
TOTAL	324.35	181.16	178.44	1 962.6	5 350.1	986.1	454.6	396.46	344.55	284.11	430.80	244.70	TOTAL
MEAN	10.5	6.47	5.76	65.4	173	32.9	14.7	12.8	11.5	9.16	14.4	7.89	MEAN
MAX	14.0	8.25	17.0	110	481	60.7	27.3	20.3	28.6	11.6	24.3	11.0	MAX
MIN	7.90	5.00	4.55	21.8	45.2	16.7	10.1	9.19	8.86	8.39	9.15	5.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.5
MAXIMUM DAILY, 481E ON MAY 4
MINIMUM DAILY, 4.55B ON MAR 13

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 49 54 N
LONG 66 52 54 W
DRAINAGE AREA, 2 270 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 000	JUL	39 300
FEB	15 700	AUG	34 300
MAR	15 400	SEP	29 800
APR	170 000	OCT	24 500
MAY	462 000	NOV	37 200
JUN	85 200	DEC	21 100

TOTAL DISCHARGE, 984 000 dam^3

WALKER BROOK AT CAMPBELLTON - STATION NO. 01BJ008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.420B	0.220B	0.120B	0.780B	7.82	1.83	0.480	0.232	0.175	0.155	0.304	0.221B	1
2	0.400B	0.225B	0.110B	0.700B	11.0	1.74	0.505	0.226	1.08	0.151	0.334	0.219B	2
3	0.385B	0.215B	0.101B	0.488A	24.3	1.46	0.485	0.224	0.388	0.187	0.284	0.214B	3
4	0.370B	0.205B	0.100B	0.495	15.9	1.85	0.526	0.232	0.277	0.185	0.271	0.208B	4
5	0.350B	0.185B	0.103B	0.557	11.1	2.13	0.527	0.236	0.238	0.172	0.234	0.201B	5
6	0.305B	0.175B	0.104B	0.843	10.3	1.77	0.438	0.218	0.223	0.170	0.203	0.188B	6
7	0.350B	0.185B	0.105B	1.88	10.3	1.87	0.398	0.287	0.201	0.177	0.233	0.184B	7
8	0.330B	0.150B	0.100B	1.83	8.88	1.53	0.374	0.387	0.188	0.186	0.206	0.187B	8
9	0.350B	0.165B	0.0985B	1.77	7.37	1.42	0.384	0.297	0.183	0.181	0.248	0.183B	9
10	0.330B	0.172B	0.0965B	1.58	6.04	1.47	0.486	0.246	0.178	0.172	0.579	0.181B	10
11	0.300B	0.175B	0.0958B	1.42	5.35	2.23	0.884	0.232	0.192	0.188	0.500	0.178B	11
12	0.315B	0.170B	0.0958B	1.38	5.14	1.57	0.787	0.203	0.180	0.237	0.415	0.176B	12
13	0.290B	0.180B	0.0965B	1.43	4.33	1.32	0.535	0.282	0.176	0.228	0.371	0.173B	13
14	0.310B	0.162B	0.0985B	1.58	3.77	1.17	0.462	0.261	0.165	0.181	0.338	0.172B	14
15	0.270B	0.180B	0.185B	1.67	3.73	1.08	0.420	0.231	0.157	0.167	0.348	0.170B	15
16	0.270B	0.167B	0.360B	1.88	3.27	1.10	0.388	0.222	0.158	0.206	0.442	0.168B	16
17	0.315B	0.165B	0.425B	1.87	2.78	1.08	0.378	0.214	0.164	0.326	0.532	0.166B	17
18	0.280B	0.163B	0.380B	1.84	2.51	0.987	0.373	0.195	0.164	0.248	0.571	0.165B	18
19	0.280B	0.160B	0.220B	1.89	2.20	0.885	0.350	0.182	0.161	0.203	0.502	0.163B	19
20	0.250B	0.155B	0.200B	2.05	1.98	0.875	0.322	0.182	0.157	0.189	0.398	0.161B	20
21	0.245B	0.158B	0.205B	2.17	1.61	0.844	0.310	0.200	0.156	0.215	0.463	0.159B	21
22	0.270B	0.168B	0.210B	2.14	1.66	0.798	0.289	0.197	0.161	0.218	0.383B	0.157B	22
23	0.280B	0.170B	0.200B	2.04	1.71	0.747	0.272	0.188	0.169	0.202	0.345B	0.155B	23
24	0.255B	0.168B	0.180B	1.83	1.43	0.722	0.267	0.174	0.168	0.188	0.318B	0.153B	24
25	0.265B	0.174B	0.176B	1.80	1.33	0.660	0.289	0.163	0.160	0.175	0.300B	0.152B	25
26	0.275B	0.170B	0.176B	1.88	1.20	0.662	0.288	0.155	0.161	0.173	0.282B	0.150B	26
27	0.260B	0.160B	0.200B	1.99	1.12	0.625	0.289	0.157	0.174	0.174	0.268B	0.149B	27
28	0.255B	0.140B	0.410B	2.12	1.29	0.599	0.325	0.157	0.168	0.175	0.263B	0.147B	28
29	0.265B		0.810B	3.27	1.05	0.566	0.333	0.153	0.169	0.167	0.244B	0.145B	29
30	0.265B		0.675B	5.16	0.978	0.523	0.270	0.178	0.168	0.162	0.236B	0.144B	30
31	0.230B		0.880B		0.937		0.284	0.195		0.163		0.142B	31
TOTAL	9.328	4.885	6.948	52.532	162.552	36.045	12.674	6.688	6.484	5.913	10.594	5.347	TOTAL
MEAN	0.301	0.175	0.224	1.75	5.24	1.20	0.409	0.216	0.216	0.191	0.353	0.172	MEAN
MAX	0.420	0.225	0.880	5.16	24.3	2.23	0.884	0.387	1.08	0.326	0.579	0.221	MAX
MIN	0.230	0.140	0.0958	0.488	0.937	0.523	0.284	0.153	0.156	0.151	0.203	0.142	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.877
MAXIMUM DAILY, 24.3 ON MAY 3
MINIMUM DAILY, 0.0958 ON MAR 11
MAXIMUM INSTANTANEOUS,
31.3 AT 03:35 AST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 59 17 N
LONG 66 41 48 W
DRAINAGE AREA, 50.8 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	806	JUL	1 100
FEB	423	AUG	578
MAR	600	SEP	560
APR	4 540	OCT	511
MAY	14 000	NOV	915
JUN	3 110	DEC	462

TOTAL DISCHARGE, 27 600 dam^3

NOVA SCOTIA

ANNAPOLIS RIVER AT LAWRENCETOWN - STATION NO. 01DC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.48	18.88	22.28	55.3	18.0	13.0	13.3	5.22	2.28	4.27	11.2	27.0 B	1
2	28.38	19.88	20.08	63.5	17.7	12.8	9.78	5.07	2.67	5.08	11.2	24.0 B	2
3	26.68	17.38	19.08	56.3	18.3	24.2	11.0	5.05	3.15	5.43	11.3	22.0 B	3
4	25.38	16.88	18.38	58.8	17.8	25.8	10.8	4.74	2.88	5.31	13.8	20.0 B	4
5	24.28	15.38	18.08	58.4	17.1	23.4	10.8	4.20	2.53	7.19	15.5	19.0 B	5
6	23.78	14.98	21.08	85.8	16.0	20.8	10.1	5.17	3.40	7.58	14.8	17.8 B	6
7	23.18	14.68	21.58	103	17.7	18.4	10.8	4.76	3.18	8.40	14.8	20.0 B	7
8	22.98	14.48	20.38	97.4	22.8	17.5	9.42	5.12	2.84	7.88	14.4	18.7 B	8
9	38.08	14.28	18.28	82.1	22.8	67.0	9.11	5.09	2.30	7.85	14.8	17.3 B	9
10	29.58	13.98	16.48	67.2	22.0	43.8	8.07	4.28	2.33	7.10	28.8	18.1 B	10
11	23.28	13.88	14.88	59.0	20.2	35.3	14.4	3.93	2.56	6.46	32.1	15.0 B	11
12	20.18	13.68	13.88	51.1	19.0	28.4	12.8	3.78	2.56	7.67	29.8	14.2 B	12
13	29.88	13.38	14.88	42.8	18.8	23.2	10.8	4.48	2.10	10.2	26.8	13.8 B	13
14	34.38	13.28	15.48	35.2	20.6	20.2	8.72	5.92	1.84	8.36	23.2	13.0 B	14
15	36.8	16.78	20.08	31.5	19.5	18.1	8.78	5.99	4.83	9.36	28.4	12.4 B	15
16	44.8	14.48	88.08	29.0	18.0	17.1	7.58	4.44	9.18	8.70	34.8	11.8 B	16
17	34.4	13.78	45.08	38.4	17.0	16.8	7.02	4.19	4.29	11.3	33.6	11.4 B	17
18	27.3	13.28	32.08	36.7	16.2	17.3	10.2	3.98	10.4	13.8	32.9	10.9 B	18
19	23.3	12.88	25.08	32.8	15.4	19.4	8.80	3.48	7.71	12.3	37.1	10.5 B	19
20	21.1	12.58	22.48	33.2	14.6	17.6	7.47	3.02	6.47	10.3	33.2	10.0 B	20
21	19.88	19.88	22.18	30.8	14.1	15.3	7.42	2.87	5.38	10.8	28.8	9.508	21
22	18.88	154 B	25.88	27.8	13.5	14.1	6.81	2.82	4.88	14.3	48.3	9.008	22
23	18.08	156 B	24.38	26.7	12.8	13.5	5.98	2.82	8.07	14.2	38.8	8.708	23
24	17.88	55.08	23.98	24.4	12.3	13.0	7.72	2.71	4.06	13.4	32.4	8.408	24
25	17.08	37.08	23.78	23.1	13.2	13.3	7.86	2.81	4.33	12.4	28.8	8.108	25
26	16.68	29.58	88.0	22.2	14.5	13.5	6.87	2.37	6.11	12.2	26.0	7.808	26
27	27.28	25.08	59.2	21.2	16.5	13.4	5.53	2.26	7.08	12.0	23.9	7.608	27
28	22.28	24.48	83.7	19.8	17.7	12.4	6.57	2.31	5.69	11.8	23.0	7.408	28
29	19.18		82.6	18.5	18.1	13.5	5.92	4.16	5.85	11.8	43.8	7.208	29
30	18.48		80.0	18.5	14.3	13.8	3.87	3.87	4.58	11.0	32.0	7.008	30
31	17.98		80.8		13.8		4.63	2.45		11.1		6.808	31
TOTAL	779.7	788.4	1 001.1	1 386.6	527.7	805.7	287.27	124.94	136.51	295.12	791.6	411.90	TOTAL
MEAN	25.2	28.5	32.3	45.2	17.0	20.2	9.62	4.03	4.55	9.85	26.4	13.3	MEAN
MAX	44.8	156	88.8	103	22.8	67.0	14.4	5.07	10.4	14.3	48.3	27.0	MAX
MIN	16.8	12.8	13.8	18.5	12.3	12.4	3.87	2.26	1.84	4.27	11.2	6.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.8
MAXIMUM DAILY, 1568 ON FEB 23
MINIMUM DAILY, 1.84 ON SEP 14
MAXIMUM INSTANTANEOUS,
1748 AT 08:55 ADT ON FEB 23

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 52 02 N
LONG 65 09 58 W
DRAINAGE AREA, 1 020 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	87 400	JUL	23 100
FEB	88 000	AUG	10 800
MAR	86 500	SEP	11 800
APR	117 000	OCT	25 800
MAY	65 600	NOV	88 400
JUN	82 300	DEC	36 900

TOTAL DISCHARGE, 813 000 dam³

ANNAPOLIS RIVER AT WILMOT - STATION NO. 01DC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.4 B	9.258	10.8 B	28.2 B	8.58	4.40	4.61	2.53	1.59	2.70	3.21	16.7 B	1
2	20.5 B	8.828	10.4 B	34.1	8.48	4.31	4.84	2.48	1.71	2.58	3.48	14.8 B	2
3	18.3 B	8.488	9.658	31.8	8.83	10.6	4.78	2.35	1.77	2.78	3.41	13.9 B	3
4	16.6 B	8.188	9.258	32.0	8.58	11.2	4.68	2.25	1.81	3.40	4.90	12.9 B	4
5	15.3 B	7.908	8.788	38.7	8.03	10.2	4.49	2.18	1.80	3.42	5.37	12.0 B	5
6	14.5 B	7.678	10.2 B	48.0	7.80	8.71	4.33	2.19	1.86	3.33	4.83	10.8 B	6
7	13.6 B	7.428	9.388	63.0	8.08	7.62	4.14	2.13	1.87	3.80	4.82	12.1 B	7
8	12.1 B	7.218	8.858	58.2	12.2	7.71	3.85	2.21	1.39	3.58	4.87	11.1 B	8
9	19.8 B	7.038	8.238	47.8	11.8	28.8	3.75	2.18	1.85	3.22	8.02	10.5 B	9
10	16.8 B	6.888	7.878	38.4	10.7	21.8	3.83	1.72	1.86	2.91	14.2	10.0 B	10
11	12.4 B	6.708	7.658	29.2	9.88	18.4	8.90	1.83	1.84	2.71	18.1	9.508	11
12	10.8 B	6.588	7.338	24.8	9.18	14.7	6.18	1.52	1.84	5.78	13.8	9.108	12
13	15.3 B	8.448	7.008	20.8	8.88	11.8	5.15	1.70	1.60	9.45	12.1	8.808	13
14	18.0 B	8.388	6.788	18.0	9.80	9.84	4.46	2.54	1.32	5.30	11.0	8.408	14
15	18.1 B	8.888	7.808	16.3	9.24	8.01	4.81	3.50	4.18	4.38	12.4	7.958	15
16	24.2 B	8.468	29.8 B	15.2	8.28	8.88	4.43	2.83	4.83	3.74	17.8	7.708	16
17	15.3 B	8.228	17.8 B	20.1	7.48	8.87	4.19	2.82	6.43	3.51	16.8	7.428	17
18	13.2 B	8.018	14.8 B	20.1	8.98	8.78	4.77	2.47	5.80	4.78	17.8	7.288	18
19	11.8 B	5.948	12.8 B	18.1	8.33	7.41	4.48	2.13	5.08	5.03	19.8	7.028	19
20	10.8 B	5.858	11.8 B	18.1	5.88	6.38	4.01	1.88	4.03	4.38	18.3	6.728	20
21	9.808	9.708	11.2 B	16.5	5.80	5.55	3.88	1.78	3.84	4.20	21.0	8.808	21
22	9.308	51.8 B	12.8 B	14.5	5.28	5.02	3.64	1.70	3.58	4.82	27.8	8.408	22
23	8.858	37.0 B	12.1 B	13.6	4.88	4.59	3.41	1.85	3.14	4.63	24.0	8.208	23
24	8.548	28.8 B	11.7 B	12.8	4.73	4.31	3.30	1.85	2.58	4.24	19.3	8.008	24
25	8.258	21.8 B	10.8 B	12.0	8.22	5.03	2.87	1.82	2.29	3.85	18.4	8.828	25
26	8.078	17.3 B	33.8 B	11.4	5.88	5.13	2.88	1.50	2.41	3.85	16.1	8.628	26
27	12.8 B	14.4 B	35.8 B	10.8	8.74	4.84	2.84	1.48	4.12	3.41	12.8	8.488	27
28	11.7 B	12.8 B	37.2 B	10.3	7.01	4.78	2.85	1.34	4.17	3.21	12.2	8.358	28
29	10.8 B		46.8 B	9.80	5.82	5.03	2.95	1.32	3.82	3.11	20.8 B	8.208	29
30	10.3 B		35.8 B	8.87	4.88	4.83	2.84	1.48	3.02	3.08	19.1 B	8.088	30
31	9.758		30.3 B		4.88		2.62	1.55		2.98		4.978	31
TOTAL	424.86	338.88	488.88	741.37	238.81	288.85	126.01	82.13	85.83	118.73	389.28	287.89	TOTAL
MEAN	13.7	12.0	18.1	24.7	7.63	8.63	4.06	2.00	2.88	3.83	13.3	8.63	MEAN
MAX	24.2	51.8	45.8	63.0	12.2	25.8	8.90	3.50	8.80	8.45	27.8	18.7	MAX
MIN	8.07	5.85	8.78	8.87	4.88	4.31	2.82	1.32	1.32	2.98	3.21	4.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.74
MAXIMUM DAILY, 63.0 ON APR 7
MINIMUM DAILY, 1.32 ON AUG 28
MAXIMUM INSTANTANEOUS,
68.9 AT 17:13 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 56 58 N
LONG 65 01 47 W
DRAINAGE AREA, 545 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 700	JUL	10 800
FEB	29 000	AUG	5 370
MAR	43 200	SEP	7 400
APR	84 100	OCT	10 300
MAY	20 400	NOV	34 500
JUN	22 400	DEC	23 100

TOTAL DISCHARGE, 307 000 dam³

BEAVERBANK RIVER NEAR KINSAC - STATION NO. 01EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.48	1.15	2.41	5.04	2.32	1.33	0.588	0.284	0.021	0.828	0.884	4.76	1
2	1.23	1.27	1.89	4.82	2.21	1.22	0.510	0.272	0.024	0.849	1.30	3.98	2
3	1.00	1.24	1.68	4.82	3.57	1.87	0.470	0.334	0.025	1.00	1.48	3.44	3
4	0.842	1.19	1.33	5.71	4.72	3.02	0.486	0.211	0.030	1.68	2.03	3.81	4
5	0.875	0.841	1.05	5.00	4.43	3.34	0.432	0.181	0.035	2.04	2.44	3.87	5
6	0.815	0.775	1.16	11.8	3.82	3.08	0.408	0.170	0.024A	1.88	2.34	3.43	6
7	0.880	0.675	1.24	15.4	8.44	2.83	0.377	0.162	0.018E	1.81	2.40	3.14	7
8	0.810	0.689	1.21	18.4	12.0	2.41	0.387	0.178	0.014E	1.75	2.51	3.85	8
9	0.701	0.524	1.02	14.8	18.1	4.74	0.420	0.183	0.010E	1.58	2.85	3.48	9
10	0.833	0.481	0.803	11.8	16.9	8.52	0.374	0.171	0.008E	1.32	4.59	3.08	10
11	0.868	0.408	0.888	9.07	13.6	6.70	0.883	0.188	0.008E	1.31	5.26	2.89	11
12	0.750	0.380	0.884	7.38	10.1	8.36	1.18	0.141	0.003A	5.09	5.86	2.22	12
13	0.808	0.360	0.801	5.84	7.87	5.23	1.17	0.122	0.001	4.01	4.97	1.84	13
14	1.05	0.387	0.648	4.84	6.54	4.23	1.08	0.116	0.001	3.59	4.24	1.60	14
15	1.03	0.880	0.471	4.29	5.26	3.40	1.08	0.120	0.042	5.01	3.87	1.38	15
16	1.38	1.04	1.07	3.83	5.44	2.81	0.823	0.127	0.088	3.86	5.18	1.22	16
17	1.48	1.08	2.00	5.82	4.84	2.57	0.788	0.110	0.121	2.78	6.80	1.06	17
18	1.38	1.01	2.53	7.38	3.75	2.30	0.776	0.105	0.174	2.47	7.03	0.945	18
19	1.26	0.823	2.48	7.33	3.21	2.11	0.778	0.097	0.178	2.32	6.52	0.833	19
20	1.08	0.882	2.80	7.43	2.59	1.92	0.888	0.079	0.181	2.08	5.83	0.783	20
21	1.44	0.878	2.42	5.76	2.24	1.71	0.637	0.084	0.210	1.97	5.26	0.888	21
22	1.74	3.89	3.84	5.88	1.97	1.46	0.609	0.088	0.221	2.19	5.51	0.841	22
23	1.71	11.8	4.12	4.69	1.85	1.27	0.527	0.105	0.247	2.36	4.80	0.862	23
24	1.51	10.3	3.38	4.27	1.63	1.12	0.482	0.098	0.240	2.36	5.91	0.524	24
25	1.32	7.53	2.96	3.73	1.29	0.973	0.443	0.088	0.228	2.20	5.38	0.487	25
26	1.12	5.58	4.51	3.41	1.43	0.808	0.387	0.083	0.288	1.91	4.31	0.481	26
27	1.28	3.88	4.82	3.10	1.41	0.731	0.376	0.081	0.713	1.82	3.88	0.437	27
28	1.41	3.03	5.29	2.79	1.94	0.588	0.361	0.038	0.813	1.42	3.08	0.412	28
29	1.38		7.87	2.82	1.65	0.881	0.350	0.028	1.04	1.27	4.30	0.388	29
30	1.23		8.27	2.46	1.80	0.834	0.370	0.018	1.04	1.12	5.16	0.365	30
31	1.10		8.85		1.37		0.318	0.008		0.951		0.352	31
TOTAL	34.820	51.868	81.481	201.87	153.91	77.804	18.278	3.910	8.132	74.899	138.884	68.268	TOTAL
MEAN	1.12	2.21	2.63	6.73	4.96	2.59	0.590	0.126	0.294	2.42	4.56	1.82	MEAN
MAX	1.74	11.8	8.27	18.4	18.8	8.70	1.17	0.284	1.04	8.01	8.51	4.76	MAX
MIN	0.810	0.360	0.448	2.46	1.28	0.588	0.318	0.008	0.001	0.849	0.884	0.352	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.48
MAXIMUM DAILY, 18.8 ON MAY 10
MINIMUM DAILY, 0.001 ON SEP 13
MAXIMUM INSTANTANEOUS,
17.5 AT 21:40 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 51 06 N
LONG 63 38 54 W
DRAINAGE AREA, 88.8 km²
A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 010	JUL	1 580
FEB	5 340	AUG	338
MAR	7 040	SEP	530
APR	17 400	OCT	6 470
MAY	13 300	NOV	11 800
JUN	6 720	DEC	6 850

TOTAL DISCHARGE, 78 400 dam³

REMARKS - PUBLISHED UNDER THE NAME "RAWDON RIVER AT KINSAC" PRIOR TO 1970 AND AS "BEAVER RIVER NEAR KINSAC" TO 1988.

BLUE HILL BOG BROOK NEAR JORDON FALLS - STATION NO. 01EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5568	0.3768	0.3228	2.28 E	0.133	0.040	0.018	0.014	0.005	0.030	0.118	0.874	1
2	0.4378	0.2408	0.2808	2.58 E	0.133	0.033	0.012	0.011	0.008	0.028	0.138	0.5808	2
3	0.3568	0.2138	0.2488	2.84 E	0.153	0.035	0.012	0.010	0.007	0.162	0.139	0.818	3
4	0.3098	0.1928	0.2248	3.19 E	0.138	0.035	0.013	0.008	0.007	0.378	0.869	0.788	4
5	0.2708	0.1748	0.2028	2.67 E	0.113	0.081	0.010	0.007	0.006	0.253	0.558	0.640	5
6	0.2428	0.1588	0.2808	2.30 A	0.089	0.057	0.009	0.008	0.005	0.180	0.382	0.4808	6
7	0.2208	0.1498	0.4848	1.81	0.858	0.035	0.010	0.021	0.004	0.161	0.353	0.4008	7
8	0.2038	0.1378	0.3008	1.38	1.57	0.068	0.087	0.028	0.0038	0.140	0.280	0.3588	8
9	0.1828	0.1288	0.2518	1.24	1.14	0.342	0.241	0.020	0.003E	0.131	0.879	0.3208	9
10	0.1788	0.1218	0.2238	0.834	0.781	0.388	0.180	0.015	0.003E	0.118	2.57	0.2908	10
11	0.1718	0.1138	0.2048	0.712	0.542	0.888	0.400	0.011	0.003E	0.203	2.21	0.2808	11
12	0.1858	0.1078	0.1908	0.647	0.401	0.539	0.318	0.008	0.002E	0.838	1.42	0.2358	12
13	0.8408	0.1038	0.1778	0.428	0.427	0.371	0.174	0.007	0.002E	0.888	0.887	0.2098	13
14	0.7848	0.1018	0.1628	0.408	0.728	0.251	0.107	0.007	0.002E	0.432	0.887	0.1628	14
15	1.00 B	0.2638	0.2308	0.444	0.883	0.178	0.072	0.004	0.003E	0.278	0.811	0.1588	15
16	1.26 B	0.3848	0.3508	0.747	0.483	0.370	0.041	0.012	0.008	0.210	0.844	0.1488	16
17	0.6708	0.2988	0.4848	1.88	0.344	0.586	0.082	0.011	0.018	0.188	0.892	0.1368	17
18	0.4788	0.2218	0.6708	1.42	0.248	0.818	0.436	0.009	0.029	0.881	1.02	0.1238	18
19	0.574	0.1758	0.8008	0.950	0.187	0.474	0.315	0.007	0.017	0.478	0.773	0.1118	19
20	0.466	0.1488	1.17 B	0.720	0.154	0.322	0.195	0.008	0.012	0.592	0.808	0.1038	20
21	0.450	0.2388	1.42 B	0.542	0.118	0.188	0.157	0.005	0.011	0.526	1.04	0.0848	21
22	0.4298	1.78 B	1.63 B	0.418	0.087	0.130	0.107	0.004	0.011	0.522	1.30	0.0848	22
23	0.432	2.88 B	1.84 B	0.358	0.078	0.080	0.070	0.004	0.008	0.381	0.904	0.0778	23
24	0.287	1.88 B	2.28 B	0.313	0.057	0.055	0.037	0.004	0.012	0.273	0.817	0.0728	24
25	0.2198	0.8808	2.10 B	0.271	0.083	0.040	0.023	0.004	0.018	0.213	0.482	0.0848	25
26	0.2708	0.8208	1.97 B	0.231	0.088	0.077	0.020	0.003E	0.028	0.174	0.388	0.0628	26
27	0.8888	0.5008	1.92 B	0.202	0.080	0.072	0.018	0.003E	0.158	0.158	0.414	0.0808	27
28	0.8508	0.4408	1.84 B	0.173	0.122	0.083	0.018	0.002E	0.104	0.141	0.740	0.0678	28
29	0.5088		1.78 B	0.188	0.110	0.038	0.051	0.002E	0.071	0.132	2.32	0.0548	29
30	0.3808		1.78 B	0.138	0.074	0.023	0.036	0.003E	0.047	0.120	1.88	0.0518	30
31	0.3258		1.88 B		0.050		0.020	0.004		0.108		0.0488	31
TOTAL	14.803	12.218	27.871	32.140	10.288	8.225	3.278	0.285	0.810	8.488	25.478	7.823	TOTAL
MEAN	0.488	0.436	0.889	1.07	0.331	0.208	0.106	0.008	0.020	0.305	0.848	0.252	MEAN
MAX	1.28	2.88	2.28	3.18	1.57	0.888	0.438	0.028	0.158	0.878	2.87	0.874	MAX
MIN	0.185	0.101	0.182	0.138	0.050	0.023	0.009	0.002	0.002	0.038	0.118	0.048	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.411
MAXIMUM DAILY, 3.18E ON APR 4
MINIMUM DAILY, 0.002E ON AUG 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 42 N
LONG 65 11 41 W
DRAINAGE AREA, 22.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	283
FEB	1 080	AUG	22.9
MAR	2 410	SEP	52.7
APR	2 780	OCT	818
MAY	887	NOV	2 200
JUN	538	DEC	678

TOTAL DISCHARGE, 13 000 dam³

REMARKS - THE E FOR DISCHARGE BELOW .004 IS DUE TO CURVE EXTENSION

CANAAN RIVER AT OUTLET OF CONNAUGHT LAKE - STATION NO. 01EH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01	0.884	2.18	4.94	1.37	0.839	0.808	0.283	0.084	0.118	0.517	2.51	1
2	0.988	0.868	1.87	5.18	1.32	0.803	0.862	0.263	0.088	0.105	0.558	2.48	2
3	0.839	0.874	1.64	4.78	1.31	0.876	0.819	0.227	0.051	0.158	0.823	2.31	3
4	0.823	0.877	1.42	5.23	1.32	1.14	0.471	0.218	0.044	0.436	0.793	2.31	4
5	0.874	0.938	1.28	5.55	1.28	1.21	0.444	0.202	0.038	0.709	0.984	2.22	5
6	0.823	0.884	1.26	7.26	1.23	1.31	0.415	0.187	0.034	0.832	1.05	2.07	6
7	0.786	0.838	1.28	8.15	1.59	1.30	0.388	0.180	0.034	0.848	1.10	2.00	7
8	0.738	0.790	1.25	8.47	2.57	1.28	0.460	0.183	0.027	0.839	1.05	2.00	8
9	0.758	0.738	1.18	7.34	3.24	1.64	0.425	0.168	0.022	0.817	1.11	1.75 B	9
10	0.829	0.689	1.10	6.03	2.83	2.28	0.405	0.164	0.023	0.754	1.88	1.58 B	10
11	0.857	0.885	1.00	4.78	3.40	2.87	0.459	0.158	0.025	0.720	2.86	1.41 B	11
12	0.860	0.825	0.844	3.76	3.11	3.17	0.521	0.141	0.023	0.859	3.01	1.32	12
13	0.885	0.582	0.894	3.25	2.83	2.87	0.577	0.126	0.025	0.851	2.85	1.20	13
14	0.893	0.898	0.882	2.80	2.84	2.58	0.869	0.118	0.020	0.882	2.33	1.12	14
15	0.814	0.884	0.826	2.46	2.56	2.13	0.881	0.121	0.032	0.852	2.08	1.04	15
16	0.957	0.783	0.812	2.22	2.48	1.87	0.874	0.111	0.028	0.885	2.23	0.880	16
17	1.04	0.820B	0.823	3.20	2.26	1.77	0.890	0.108	0.050	0.807	2.88	0.868	17
18	1.08	0.810B	1.06	4.13	2.07	1.60	0.708	0.101	0.082	0.798	3.48	0.814	18
19	1.08	0.790B	1.27	5.04	1.84	1.48	0.704	0.082	0.082	0.768	3.21	0.748	19
20	1.05	0.760B	1.46	3.76	1.87	1.34	0.661	0.078	0.088	0.732	2.88	0.682	20
21	1.03	0.738	1.67	3.45	1.48	1.22	0.518	0.061	0.076	0.732	3.13	0.620	21
22	1.02	1.18	1.87	3.02	1.28	1.10	0.571	0.082	0.083	0.818	4.80	0.550	22
23	1.05	3.25	2.08	2.75	1.18	0.978	0.520	0.080	0.084	0.824	4.57	0.501	23
24	1.07	3.75	2.12	2.47	1.08	0.885	0.458	0.073	0.085	0.827	4.01	0.443	24
25	1.04	3.65	2.15	2.22	1.05	0.832	0.401	0.066	0.080	0.884	3.18	0.387	25
26	0.971	3.50	2.60	2.05	0.956	0.761	0.373	0.058	0.083	0.804	2.58	0.368	26
27	1.02	3.07	3.06	1.85	0.808	0.862	0.384	0.055	0.118	0.760	2.21	0.348	27
28	1.00	2.86	3.48	1.57	0.884	0.844	0.348	0.057	0.113	0.718	2.07	0.324	28
29	0.892		4.83	1.58	0.603	0.842	0.370	0.053	0.118	0.845	2.40	0.302	29
30	0.875		5.89	1.46	0.722	0.651	0.332	0.053	0.122	0.884	2.51	0.281	30
31	0.976		5.63		0.680		0.284	0.056		0.614		0.272	31
TOTAL	29.364	37.875	58.761	120.88	54.671	42.486	15.669	3.915	1.776	22.321	68.856	36.231	TOTAL
MEAN	0.948	1.35	1.83	4.03	1.76	1.42	0.505	0.126	0.059	0.720	2.30	1.17	MEAN
MAX	1.08	3.75	5.89	8.47	3.53	3.17	0.708	0.263	0.122	0.882	4.80	2.51	MAX
MIN	0.738	0.582	0.812	1.46	0.680	0.803	0.284	0.053	0.020	0.105	0.517	0.272	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.35
MAXIMUM DAILY, 8.47 ON APR 8
MINIMUM DAILY, 0.020 ON SEP 14
MAXIMUM INSTANTANEOUS,
8.86 AT 00:35 AST ON APR 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 48 N
LONG 64 11 38 W
DRAINAGE AREA, 55.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 540	JUL	1 350
FEB	3 280	AUG	338
MAR	5 180	SEP	153
APR	10 400	OCT	1 930
MAY	4 720	NOV	5 950
JUN	3 670	DEC	3 130

TOTAL DISCHARGE, 42 600 dam³

CHETICAMP RIVER ABOVE ROBERT BROOK - STATION NO. 01FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.05B	2.23B	4.10B	10.3	30.8	3.56	2.88	1.78	6.13	7.89	3.33	5.00B	1
2	2.93B	3.08B	3.80B	20.8	47.5	4.12	2.53	1.78	11.4	5.07	3.28	4.70B	2
3	2.74B	2.84B	3.55B	12.7	105	3.81	2.30	1.75	11.0	5.38	3.08	4.50B	3
4	2.65B	2.80B	3.35B	6.81	53.2	3.40	2.03	1.73	4.75	17.3	7.40	4.30B	4
5	2.57B	2.68B	3.17B	22.8	34.0	3.25	1.90	1.78	3.32	10.8	8.03	4.12B	5
6	2.50B	2.53B	3.00B	82.1	35.8	2.88	1.84	1.83	2.81	16.9	6.93	4.00B	6
7	2.43B	2.44B	2.88B	122	65.5	2.60	1.81	2.18	2.33	15.1	5.83	3.90B	7
8	2.35B	2.38B	2.78B	56.1	77.0	2.65	1.97	2.01	2.18	10.8	5.81	4.70B	8
9	14.8 B	2.27B	2.67B	37.5	50.0	2.85	1.81	2.24	2.02	11.7	5.28	5.80B	9
10	10.7 B	2.20B	2.61B	19.8	28.7	2.54	1.78	1.86	1.86	26.4	18.3	5.90B	10
11	8.20B	2.18B	2.55B	15.6	31.4	2.42	2.60	1.89	1.88	13.0	5.68	5.40B	11
12	7.30B	2.10B	2.49B	10.9	28.1	9.81	11.5	1.81	2.05	13.4	18.9	5.03B	12
13	21.0	2.05B	2.40B	9.80	20.6	21.4	25.5	6.01	1.82	9.63	14.4	4.79B	13
14	17.1	1.98B	2.35B	8.83	15.4	7.29	6.00	4.28	1.76	7.37	7.71	4.57B	14
15	11.7	1.92B	4.10B	6.21	18.2	4.81	4.50	2.75	4.89	6.43	10.3	4.36B	15
16	28.0	1.87B	21.0 B	8.58	14.3	3.74	3.43	2.14	7.10	5.15	60.7	4.20B	16
17	15.1	1.84B	14.0 B	6.00	11.5	3.58	2.95	3.02	3.75	10.7	18.3	4.05B	17
18	10.0	1.80B	7.70B	7.22	8.85	3.21	2.71	2.41	5.01	6.86	12.6	3.90B	18
19	7.69	1.77B	5.60B	8.04	7.07	3.01	2.84	1.91	3.40	5.88	13.8	3.78B	19
20	6.20B	1.75B	4.70B	18.2	6.20	2.67	2.41	1.87	2.76	4.88	10.3	3.65B	20
21	5.45B	4.10B	4.10B	14.3	5.88	3.04	2.33	1.80	23.1	4.35	12.4	3.58B	21
22	4.87B	30.0 B	3.80B	11.5	5.00	3.83	2.24	2.86	9.34	9.56	20.2	3.48B	22
23	4.48B	31.0 B	3.40B	11.7	4.53	2.83	2.11	2.45	4.88	6.88	10.2	3.40B	23
24	4.20B	18.0 B	3.25B	8.65	4.31	2.80	2.05	2.88	4.40	6.67	7.65	3.30B	24
25	3.90B	10.8 B	3.07B	7.68	4.34	2.78	1.98	18.1	4.87	5.88	6.53	3.22B	25
26	6.52B	8.70B	2.85B	5.88	4.88	3.98	2.08	18.8	3.82	4.74	5.46B	3.15B	26
27	5.40B	5.40B	2.80B	8.67	3.85	5.19	1.98	8.06	34.1	4.18	4.75B	3.09B	27
28	4.72B	4.80B	8.45	8.48	3.86	3.42	1.98	4.11	15.7	3.82	4.25B	3.03B	28
29	4.10B		34.6	12.2	5.63	4.43	2.04	2.82	8.17	3.74	5.80B	2.96B	29
30	3.77B		25.2	19.8	5.08	3.70	1.88	2.36	12.1	3.68	5.40B	2.94B	30
31	3.48B		12.6		3.80		2.00	5.60		3.40		2.90B	31
TOTAL	230.05	156.24	200.56	563.84	742.01	129.88	110.67	112.24	201.80	273.08	316.34	126.72	TOTAL
MEAN	7.42	5.58	6.48	18.8	23.9	4.32	3.58	3.62	6.73	8.81	10.5	4.08	MEAN
MAX	28.0	31.0	34.6	122	105	21.4	25.5	18.8	34.1	26.4	60.7	5.90	MAX
MIN	2.35	1.75	2.35	5.87	3.80	2.43	1.78	1.81	1.76	3.40	3.08	2.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.72
MAXIMUM DAILY, 122 ON APR 7
MINIMUM DAILY, 1.81 ON AUG 12
MAXIMUM INSTANTANEOUS,
150 AT 15:45 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 28 N
LONG 60 58 48 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 900	JUL	9 560
FEB	13 500	AUG	9 700
MAR	17 400	SEP	17 400
APR	50 400	OCT	23 600
MAY	64 100	NOV	27 300
JUN	11 200	DEC	10 900

TOTAL DISCHARGE, 275 000 dam³

REMARKS - FLOWS SUPPLEMENTED BY RELEASES THROUGH RIPARIAN PIPE DURING LOW FLOW PERIODS.

CHETICAMP RIVER BELOW ARTEMISE BROOK - STATION NO. 01PC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.382	0.475	1.85	1.79	---	---	1
2	---	---	---	---	---	---	0.323	0.480	2.81	1.05	---	---	2
3	---	---	---	---	---	---	0.387	0.462	2.82	1.08	---	---	3
4	---	---	---	---	---	---	0.268	0.484	1.09	2.70	---	---	4
5	---	---	---	---	---	---	0.237	0.458	0.873	2.08	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	0.214	0.488	0.447	3.58	---	---	7
8	---	---	---	---	---	0.311	0.215	0.597	0.380	3.15	---	---	8
9	---	---	---	---	---	0.300	0.207	0.580	0.289	2.38	---	---	9
10	---	---	---	---	---	0.438	0.180	0.554	0.282	2.48	---	---	10
11	---	---	---	---	---	0.281	0.188E	0.478	0.242	5.03	---	---	11
12	---	---	---	---	---	0.358	1.02	0.441	0.282	---	---	---	12
13	---	---	---	---	---	1.11	2.30	0.431	0.313	---	---	---	13
14	---	---	---	---	---	1.79	3.38	0.903	0.288	---	---	---	14
15	---	---	---	---	---	0.788	1.26	0.797	0.234	---	---	---	15
16	---	---	---	---	---	0.484	0.881	0.671	1.38	---	---	---	16
17	---	---	---	---	---	0.377	0.478	0.823	1.82	---	---	---	17
18	---	---	---	---	---	0.403	0.332	0.952	1.03	---	---	---	18
19	---	---	---	---	---	0.357	0.377	0.832	1.86	---	---	---	19
20	---	---	---	---	---	0.301	0.818	0.544	0.852	---	---	---	20
21	---	---	---	---	---	0.281	0.487	0.488	0.823	---	---	---	21
22	---	---	---	---	---	0.378	0.478	0.559	4.37	---	---	---	22
23	---	---	---	---	---	0.427	0.461	1.18	2.12	---	---	---	23
24	---	---	---	---	---	0.267	0.433	0.490	1.04	---	---	---	24
25	---	---	---	---	---	0.288	0.424	0.520	0.824	---	---	---	25
26	---	---	---	---	---	0.814	0.429	3.78	0.832	---	---	---	26
27	---	---	---	---	---	1.88	0.840	4.40	0.702	---	---	---	27
28	---	---	---	---	---	1.48	0.598	2.02	8.78	---	---	---	28
29	---	---	---	---	---	0.758	0.496	0.858	3.45	---	---	---	29
30	---	---	---	---	---	0.838	0.507	0.586	2.05	---	---	---	30
31	---	---	---	---	---	0.802	0.503	0.431	2.84	---	---	---	31
TOTAL	---	---	---	---	---	---	0.488	1.83	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	18.884	27.978	43.783	---	---	---	MEAN
MAX	---	---	---	---	---	---	0.609	0.902	1.48	---	---	---	MAX
MIN	---	---	---	---	---	---	3.38	4.40	8.78	---	---	---	MIN
							0.188	0.431	0.234	---	---	---	

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 37 02 N
LONG 60 44 03 W
DRAINAGE AREA, 37.0 km²

E - ESTIMATED
REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 630
FEB	---	AUG	2 420
MAR	---	SEP	3 780
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - FLOWS SUPPLEMENTED BY RELEASES THROUGH RIPARIAN PIPE IN DAM DURING PERIODS OF LOW FLOW

CLAM HARBOUR RIVER NEAR BIRCHTOWN - STATION NO. 01ER001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.700B	0.810B	0.300B	2.00B	1.58	0.218	0.267	0.108	0.037	0.748	0.441	1.17 B	1
2	0.850B	0.890B	0.265B	1.80B	1.70	0.197	0.203	0.088	0.048	0.586	0.491	1.04 B	2
3	0.800B	0.865B	0.248B	1.65B	2.81	0.341	0.168	0.089	0.083	0.784	0.583	0.850B	3
4	0.655B	0.500B	0.233B	2.78	2.46	0.338	0.154	0.081	0.081	2.10	1.46	0.680B	4
5	0.520B	0.437B	0.220B	4.63	1.73	0.410	0.135	0.070	0.063	1.37	1.18	0.627B	5
6	0.488B	0.375B	0.342B	7.51	1.32	0.303	0.125	0.080	0.038	1.02	0.852	0.750B	6
7	0.453B	0.338B	0.325B	12.9	1.24	0.234	0.110	0.060	0.024	0.845	1.05	0.702B	7
8	0.430B	0.303B	0.300B	11.6	7.47	0.255	0.125	0.158	0.018	0.850	1.04	1.81 B	8
9	4.10 B	0.281B	0.275B	10.7	13.4	1.88	0.148	0.118	0.013	1.86	1.14	1.47 B	9
10	2.50 B	0.260B	0.253B	8.33	7.87	1.20	0.119	0.088	0.014	3.44	4.20	1.09 B	10
11	1.90 B	0.244B	0.240B	4.28	4.31	2.43	7.28	0.084	0.015	2.29	3.48	0.840B	11
12	1.57 B	0.231B	0.230B	3.03	2.84	2.87	4.47	0.057	0.012	17.8	2.78	0.820B	12
13	2.48 B	0.212B	0.218B	2.29	1.87	1.82	2.87	0.058	0.010	8.88	2.88	0.780B	13
14	2.98 B	0.205B	0.204B	1.88	1.58	1.12	1.72	0.084	0.011	5.26	1.88	0.708B	14
15	1.48 B	0.188B	0.202B	1.74	1.87	0.854	1.28	0.086	0.803	2.88	1.75	0.684B	15
16	2.81 B	0.188B	0.450B	1.71	1.28	0.733	1.01	0.078	1.13	1.88	1.77	0.627B	16
17	2.03 B	0.175B	0.740B	7.27	1.01	0.880	0.774	0.082	0.852	1.52	2.77	0.800B	17
18	1.58 B	0.165B	0.512B	7.75	0.828	0.874	0.780	0.057	0.572	1.28	3.12	0.578B	18
19	1.25 B	0.158B	0.820B	8.00	0.715	0.784	0.696	0.060	0.428	1.02	4.09	0.840B	19
20	1.08 B	0.150B	0.470B	8.82	0.883	0.884	0.584	0.032	0.328	0.828	3.40	0.808B	20
21	0.920B	0.145B	0.800B	4.72	0.803	0.574	0.488	0.033	0.285	0.782	3.88	0.480B	21
22	0.823B	2.87 B	1.41 B	3.42	0.484	0.521	0.378	0.038	0.232	1.88	4.85	0.458B	22
23	0.711B	1.80 B	0.860B	2.83	0.383	0.421	0.307	0.034	0.197	1.41	3.13	0.418B	23
24	0.630B	1.00 B	0.710B	2.36	0.338	0.388	0.241	0.036	0.180	1.13	2.38 B	0.380B	24
25	0.580B	0.748B	0.634B	1.89	0.314	0.368	0.200	0.041	0.166	0.883	1.80 B	0.370B	25
26	0.520B	0.580B	2.32 B	1.81	0.333	0.354	0.201	0.038	0.254	0.829	1.50 B	0.355B	26
27	0.710B	0.480B	1.50 B	1.80	0.308	0.382	0.181	0.044	3.87	0.737	1.28 B	0.340B	27
28	0.903B	0.370B	1.27 B	1.80	0.285	0.388	0.167	0.034	1.82	0.645	1.08 B	0.325B	28
29	0.578B		1.09 B	1.70	0.303	0.364	0.168	0.030	1.28	0.570	2.30 B	0.312B	28
30	0.420B		0.880B	1.66	0.277	0.318	0.155	0.031	0.944	0.518	1.48 B	0.298B	30
31	0.522B		1.10 B		0.225		0.118	0.038		0.461		0.289B	31
TOTAL	37.381	13.883	19.845	128.17	62.149	21.828	25.433	2.047	13.773	67.788	84.127	21.683	TOTAL
MEAN	1.21	0.488	0.640	4.31	2.00	0.728	0.820	0.068	0.459	2.19	2.14	0.696	MEAN
MAX	4.10	2.87	2.32	12.8	13.4	2.87	7.28	0.158	3.87	17.8	4.85	1.81	MAX
MIN	0.420	0.145	0.202	1.66	0.225	0.197	0.110	0.030	0.011	0.461	0.441	0.289	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.31
MAXIMUM DAILY, 17.8 ON OCT 12
MINIMUM DAILY, 0.011 ON SEP 14
MAXIMUM INSTANTANEOUS,
28.6 AT 08:23 AST ON OCT 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 28 08 N
LONG 61 27 38 W
DRAINAGE AREA, 45.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 230	JUL	2 200
FEB	1 210	AUG	177
MAR	1 710	SEP	1 180
APR	11 200	OCT	5 880
MAY	5 370	NOV	5 540
JUN	1 880	DEC	1 850

TOTAL DISCHARGE, 61 400 dam³

NOVA SCOTIA

EAST RIVER AT ST. MARGARETS BAY - STATION NO. 01EH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.571	0.808	0.880	1.78	0.550	0.349	0.275	0.231	0.089	0.356	0.336	1.20	1
2	0.495	0.495	0.788	1.85	0.531	0.342	0.261	0.218	0.080	0.314	0.347	1.12	2
3	0.488	0.484	0.881	1.72	0.668	0.538	0.287	0.203	0.088	0.368	0.382	1.13	3
4	0.408	0.488	0.588	1.63	0.887	1.03	0.230	0.177	0.108	0.585	0.432	1.45	4
5	0.378	0.438	0.529	2.11	0.814	1.28	0.208	0.187	0.088	0.674	0.478	1.36	5
6	0.341	0.411	0.605	2.20	0.884	1.18	0.202	0.180	0.088	0.884	0.488	1.17	6
7	0.384A	0.388	0.640B	2.30	0.800	0.988	0.188	0.165	0.084	0.859	0.529	1.07	7
8	0.400E	0.368	0.580B	2.54	1.21	0.823	0.268	0.175	0.084	0.821	0.533	1.08	8
9	0.410E	0.347	0.520B	2.58	1.89	1.38	0.312	0.185	0.083	0.685	0.584	0.988	9
10	0.388E	0.318	0.477	2.13	2.08	1.85	0.383	0.173	0.083	0.497	0.873	0.875	10
11	0.384E	0.288A	0.438	1.73	2.12	1.66	0.949	0.168	0.070	0.522	1.14	0.771	11
12	0.440E	0.287E	0.408	1.48	1.78	1.43	1.18	0.135	0.058	0.804	1.18	0.882	12
13	0.590E	0.275E	0.371	1.28	1.50	1.28	0.878	0.130	0.051	1.22	1.08	0.828	13
14	0.540E	0.340E	0.359	1.08	1.32	1.08	0.788	0.130	0.052	1.20	0.948	0.830	14
15	0.585E	0.319E	0.356	0.993	1.18	0.871	0.636	0.132	0.063	1.03	0.888	0.834	15
16	0.775E	0.307E	0.512	0.928	1.06	0.777	0.510	0.118	0.113	0.814	0.928	0.491	16
17	0.740E	0.288E	0.881	1.37	0.955	0.745	0.486	0.108	0.188	0.806	1.05	0.452	17
18	0.700E	0.264E	0.775	1.87	0.850	0.682	0.459	0.081	0.300	0.747	1.14	0.420	18
19	0.880E	0.278E	1.08	1.68	0.748	0.611	0.434	0.082	0.327	0.888	1.15	0.393	19
20	0.820E	0.378A	1.05	1.78	0.888	0.831	0.417	0.087	0.323	0.842	1.12	0.388	20
21	0.800E	0.402	1.05	1.48	0.807	0.486	0.387	0.088	0.308	0.885	1.26	0.3358	21
22	0.777E	1.13	1.47	1.32	0.935	0.438	0.353	0.117	0.282	0.710	1.57	0.3108	22
23	0.740A	2.70	1.50	1.18	0.498	0.382	0.327	0.137	0.246	0.719	1.81	0.3008	23
24	0.882	2.88	1.24	0.997	0.458	0.335	0.281	0.148	0.205	0.893	1.45	0.2838	24
25	0.883	1.98	1.17	0.888	0.447	0.303	0.258	0.145	0.184	0.930	1.18	0.2708	25
26	0.804	1.50	1.83	0.826	0.453	0.288	0.238	0.128	0.187	0.882	1.03	0.262	26
27	0.874	1.28	1.61	0.767	0.433	0.273	0.220	0.108	0.351	0.488	0.948	0.254	27
28	0.883	1.07	1.61	0.867	0.418	0.267	0.210	0.088	0.428	0.436	0.820	0.246	28
29	0.548		1.78	0.841	0.392	0.287	0.227	0.080	0.452	0.369	1.41	0.2348	29
30	0.488		1.85	0.583	0.388	0.284	0.237	0.081	0.426	0.358	1.47	0.2288	30
31	0.528		1.82		0.375		0.238	0.080		0.343		0.2188	31
TOTAL	17.057	19.992	28.827	44.667	27.430	22.680	12.350	4.256	5.538	18.884	28.448	19.884	TOTAL
MEAN	0.550	0.714	0.933	1.48	0.885	0.756	0.388	0.137	0.185	0.845	0.948	0.835	MEAN
MAX	0.800	2.70	1.85	2.58	2.12	1.85	1.18	0.231	0.452	1.22	1.81	1.45	MAX
MIN	0.341	0.275	0.359	0.583	0.368	0.267	0.188	0.081	0.051	0.314	0.336	0.218	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.858
MAXIMUM DAILY, 2.70 ON FEB 23
MINIMUM DAILY, 0.051 ON SEP 13
MAXIMUM INSTANTANEOUS,
3.12 AT 21:07 AST ON FEB 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 41 08 N
LONG 63 52 18 W
DRAINAGE AREA, 26.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 470	JUL	1 070
FEB	1 730	AUG	766
MAR	2 500	SEP	478
APR	3 850	OCT	1 730
MAY	2 370	NOV	2 480
JUN	1 960	DEC	1 700

TOTAL DISCHARGE, 21 700 dam³

FIPES BROOK NEAR MILL POND - STATION NO. 01FJ006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.388B	0.410B	0.870B	0.580B	4.54	0.305	0.882	0.128	0.048	0.305	0.595	1.48 B	1
2	0.380B	0.390B	0.590B	1.00 B	4.35	0.261	0.582	0.082	0.139	0.248	0.676	1.17 B	2
3	0.365B	0.370B	0.520B	1.30 B	4.44	0.268	0.546	0.068	0.223	0.241	1.45	1.08 B	3
4	0.355B	0.348B	0.470B	1.80 B	4.08	0.258	0.374	0.064	0.213	0.374	1.85	1.34 B	4
5	0.348B	0.328B	0.440B	3.00 B	3.27	0.248	0.321	0.072	0.230	0.378	1.34	1.21 B	5
6	0.338B	0.310B	0.408B	4.40 B	2.55	0.230	0.305	0.072	0.181	0.273	1.34	1.10 B	6
7	0.325B	0.298B	0.375B	8.88	1.81	0.213	0.273	0.064	0.153	0.230	1.26	1.22 B	7
8	0.500B	0.280B	0.345B	8.28	1.11	0.213	0.261	0.060	0.108	0.285	1.25	1.80 B	8
9	1.05 B	0.267B	0.320B	7.20	2.52	0.195	0.248	0.055	0.082	0.382	1.38	1.71 B	9
10	2.85 B	0.258B	0.298B	8.05	1.72	0.230	0.237	0.080	0.082	0.374	1.40	1.20 B	10
11	2.00 B	0.244B	0.277B	6.84	1.51	0.582	1.35	0.038	0.064	0.425	1.52	0.8808	11
12	1.54 B	0.238B	0.265B	4.01	1.45	0.809	1.14	0.048	0.078	0.488	1.47	0.8208	12
13	1.20 B	0.225B	0.250B	3.27	1.49	0.588	0.728	0.050	0.098	0.595	1.41	0.7358	13
14	1.30 B	0.220B	0.235B	3.75	1.58	0.548	0.437	0.054	0.118	0.558	1.44	0.6898	14
15	2.75 B	0.217B	0.218B	3.89	1.38	0.575	0.264	0.058	0.184	0.608	1.37	0.6158	15
16	4.25 B	0.210B	0.240B	3.80	0.940	0.305	0.248	0.052	0.175	0.500	1.20	0.5738	16
17	1.70 B	0.207B	0.350B	5.02	0.783	0.277	0.258	0.050	0.321	0.575	1.24	0.5418	17
18	1.40 B	0.201B	0.380B	5.05	0.609	0.230	0.582	0.054	0.273	0.540	1.01	0.5088	18
19	1.15 B	0.195B	0.320B	4.44	0.588	0.208	0.431	0.055	0.317	0.823	0.840	0.4828	19
20	1.01 B	0.185B	0.290B	4.82	0.615	0.230	0.313	0.049	0.305	0.717	0.840	0.4588	20
21	0.900B	0.400B	0.270B	6.05	0.710	0.248	0.285	0.054	0.305	0.615	1.18	0.4408	21
22	0.810B	3.00 B	0.260B	7.20	0.676	0.213	0.213	0.078	0.285	0.783	1.28	0.4208	22
23	0.780B	2.30 B	0.255B	3.40	0.575	0.138	0.195	0.045	0.281	0.595	1.35	0.4008	23
24	0.690B	1.70 B	0.245B	2.52	0.622	0.285	0.213	0.080	0.308	0.546	1.40	0.3808	24
25	0.640B	1.48 B	0.450B	2.83	0.778	0.823	0.181	0.080	0.374	0.575	1.41	0.3708	25
26	0.600B	1.20 B	0.410B	2.78	0.552	0.678	0.187	0.082	0.305	0.809	1.45	0.3588	26
27	0.570B	1.00 B	0.380B	4.08	0.608	0.800	0.195	0.072	0.328	0.575	1.56	0.3488	27
28	0.540B	0.840B	0.350B	3.27	0.325	0.815	0.230	0.083	0.248	0.488	1.48	0.3378	28
29	0.500B		0.320B	3.42	0.305	0.755	0.195	0.087	0.345	0.480	1.52	0.3278	29
30	0.485B		0.310B	3.00 E	0.285	1.08	0.213	0.084	0.213	0.546	1.51	0.3158	30
31	0.440B		0.440B		0.325		0.195	0.078		0.808		0.3088	31
TOTAL	38.088	17.322	10.948	126.320	48.986	12.481	12.089	2.041	5.327	15.714	39.001	23.384	TOTAL
MEAN	1.23	0.619	0.353	4.21	1.51	0.415	0.389	0.066	0.211	0.507	1.30	0.784	MEAN
MAX	5.20	3.00	0.870	8.88	4.54	1.08	1.35	0.128	0.374	0.840	1.88	1.71	MAX
MIN	0.325	0.185	0.218	0.580	0.285	0.138	0.187	0.038	0.048	0.230	0.595	0.308	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.989
MAXIMUM DAILY, 8.88 ON APR 7
MINIMUM DAILY, 0.038 ON AUG 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 18 03 N
LONG 60 21 57 W
DRAINAGE AREA, 34.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 280	JUL	1 040
FEB	1 500	AUG	178
MAR	948	SEP	547
APR	10 900	OCT	1 380
MAY	4 320	NOV	3 370
JUN	1 080	DEC	2 020

TOTAL DISCHARGE, 30 800 dam³

FRASER BROOK NEAR ARCHIBALD - STATION NO. 01DH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0520	0.0618	0.1288	0.8708	0.252	0.048	0.021	0.002E	0.091E	0.103	0.209	0.1558	1
2	0.0488	0.0708	0.1198	0.7008	0.270	0.043	0.042	0.002E	0.143E	0.084	0.204	0.1378	2
3	0.0488	0.0608	0.1118	0.3308	0.841	0.093	0.080	0.002E	0.078E	0.514	0.182	0.1258	3
4	0.0448	0.0548	0.1048	0.5208	0.448	0.118	0.038	0.002E	0.088E	0.514	0.428	0.1158	4
5	0.0428	0.0498	0.1018	0.7608	0.320	0.180	0.020	0.002E	0.044E	0.314	0.221	0.1108	5
6	0.0388	0.0488	0.3408	1.20 B	0.270	0.074	0.017	0.002E	0.038E	0.242	0.238	0.1038	6
7	0.0368	0.0458	0.1808	2.16 B	1.84 E	0.051	0.016	0.002E	0.036E	0.282	0.827	0.2928	7
8	0.0578	0.0438	0.0908	1.24	2.11	0.240	0.016	0.001E	0.033E	0.251	0.330	0.1788	8
9	0.1008	0.0428	0.0798	0.883	2.18	0.844	0.013	0.001E	0.031E	0.210	0.412	0.1608	9
10	0.0618	0.0418	0.0748	0.588	1.81	0.283	0.017	0.001E	0.028E	0.177	0.898	0.1348	10
11	0.0438	0.0408	0.0688	0.444	0.873	0.270	0.280	0.001E	0.028E	0.484	0.441	0.1188	11
12	0.0388	0.0388	0.0688	0.388	0.887	0.300	0.137	0.001E	0.024E	1.83	0.442	0.1088	12
13	0.1308	0.0388	0.0648	0.361	0.503	0.171	0.077	0.002E	0.023A	0.700	0.328	0.0988	13
14	0.0408	0.0378	0.0618	0.285	0.456	0.115	0.040	0.823	0.019	0.458	0.348	0.0908	14
15	0.0388	0.0768	0.2008	0.280	0.394	0.088	0.030	0.423	0.891	0.323	0.444	0.0888	15
16	0.0908	0.1148	0.7838	0.272	0.287	0.105	0.021	0.183	0.322	0.286	0.780	0.0798	16
17	0.0788	0.0728	0.5008	0.638	0.230	0.117	0.032	0.108	0.233	0.304	0.898	0.0738	17
18	0.0718	0.0588	0.2908	0.428	0.188	0.108	0.087	0.058	0.203	0.257	0.824	0.0688	18
19	0.0688	0.0498	0.1808	0.538	0.152	0.082	0.032	0.034	0.121	0.207	0.586	0.0658	19
20	0.0608	0.0428	0.1308	0.808	0.128	0.084	0.023	0.028	0.108	0.178	0.408	0.0618	20
21	0.0588	0.1408	0.3108	0.418	0.111	0.080	0.018	0.572	0.181	0.598	0.810	0.0578	21
22	0.0518	0.3608	0.7108	0.342	0.098	0.080	0.013	0.887	0.103	0.595	0.680	0.0548	22
23	0.0488	0.4808	0.3008	0.314	0.088	0.040	0.008	0.527	0.077	0.388	0.305	0.0528	23
24	0.0458	0.2108	0.1288	0.292	0.078	0.034	0.008	0.352	0.078	0.277	0.2408	0.0508	24
25	0.0438	0.1808	0.7008	0.281	0.088	0.035	0.005	0.195	0.080	0.227	0.1908	0.0478	25
26	0.0428	0.1808	0.3508	0.238	0.110	0.034	0.004E	0.121	0.290	0.181	0.1638	0.0458	26
27	0.0868	0.1478	0.2278	0.228	0.112	0.033	0.003E	0.080	0.842	0.166	0.1428	0.0438	27
28	0.0768	0.1388	1.30 B	0.228	0.108	0.042	0.003E	0.064	0.281	0.153	0.2388	0.0418	28
29	0.0888		1.20 B	0.235	0.081	0.088	0.003E	0.049	0.178	0.140	0.2008	0.0408	29
30	0.0528		0.8108	0.237	0.058	0.032	0.003E	0.088	0.128	0.128	0.1808	0.0388	30
31	0.0768		0.4808		0.053		0.003E	0.138A		0.120		0.0378	31
TOTAL	1.922	2.880	9.954	18.158	15.385	3.814	1.074	4.291	4.212	10.448	11.898	3.809	TOTAL
MEAN	0.062	0.103	0.321	0.539	0.496	0.120	0.035	0.138	0.140	0.337	0.384	0.081	MEAN
MAX	0.130	0.480	1.30	2.15	2.18	0.844	0.280	0.823	0.842	1.83	0.898	0.252	MAX
MIN	0.036	0.037	0.081	0.228	0.053	0.032	0.002	0.001	0.018	0.084	0.142	0.037	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.231
MAXIMUM DAILY, 2.16 ON MAY 8
MINIMUM DAILY, 0.001E ON AUG 8
MAXIMUM INSTANTANEOUS,
3.74E AT 07:16 AST ON MAY 7

REMARKS - THE E FOR DISCHARGE ABOVE 3.16 IS DUE TO CURVE EXTENSION

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 35 N
LONG 63 10 05 W
DRAINAGE AREA, 9.07 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	191	JUL	92.8
FEB	249	AUG	371
MAR	880	SEP	384
APR	1 400	OCT	903
MAY	1 330	NOV	1 000
JUN	312	DEC	243

TOTAL DISCHARGE, 7 280 dam³

GOLD RIVER AT MOSHER'S FALLS - STATION NO. 01EG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.008	5.108	13.5 B	31.0	7.50	4.31	3.62	0.835	0.087	1.85	3.88	19.0 B	1
2	6.908	4.808	11.7 B	31.5	7.20	3.98	3.16	0.584	0.078	1.88	5.00	17.8 B	2
3	6.708	4.608	10.1 B	30.8	8.80	7.72	3.08	0.511	0.077	2.17	5.30	17.2 B	3
4	6.808	4.308	8.488	28.8	8.88	13.1	2.91	0.472	0.088	6.78	7.10	16.6 B	4
5	6.808	4.108	7.518	31.2	8.82	12.8	2.84	0.481	0.080	8.41	8.72	15.3 B	5
6	6.308	3.988	8.688	35.8	8.82	11.8	2.38	0.438	0.081	8.42	7.81	13.3 B	6
7	6.208	3.808	8.058	41.0	12.0	10.4	2.10	0.407	0.045	8.00	7.38	12.4 B	7
8	6.208	3.708	7.518	46.1	28.8	9.43	2.32	0.438	0.044	4.80	7.52	11.4 B	8
9	6.408	3.588	8.708	44.8	32.7	13.0	2.41	0.471	0.044	4.58	8.19	10.4 B	9
10	6.508	3.488	6.888	37.8	28.8	18.7	2.17	0.434	0.048	4.02	20.8	9.808	10
11	6.208	3.408	6.138	30.2	23.7	20.3	3.01	0.418	0.050	3.83	27.3	8.708	11
12	6.008	3.308	6.038	25.2	19.8	20.8	3.28	0.389	0.058	8.42	24.4	7.808	12
13	6.208	3.208	6.488	21.0	18.8	17.7	2.88	0.354	0.041	7.40	21.8	7.408	13
14	6.408	3.108	6.088	18.1	18.3	14.8	2.22	0.348	0.037	8.84	18.2	8.908	14
15	6.808	3.408	3.808	16.2	18.4	12.4	2.04	0.364	0.130	8.23	18.2	8.508	15
16	7.008	4.408	8.838	14.5	14.7	10.7	1.87	0.348	0.213	8.81	20.3	8.058	16
17	7.108	4.308	13.8 B	15.4	12.4	10.4	1.78	0.333	0.420	8.18	28.1	8.808	17
18	7.008	4.108	14.8	16.7	10.8	8.98	2.07	0.278	0.888	8.84	31.8	8.458	18
19	8.008	3.888	15.0 B	16.8	8.81	8.58	2.07	0.260	1.04	8.08	28.0	8.208	19
20	8.708	3.888	14.9 B	16.7	7.88	8.00	1.78	0.224	0.993	8.82	24.8	4.908	20
21	8.808	3.808	14.1	17.8	8.82	8.09	1.82	0.255	0.888	8.88	28.8	4.888	21
22	8.808	10.1 B	18.1	16.0	8.84	7.28	1.48	0.238	1.02	8.85	37.8	4.508	22
23	8.708	53.8 B	16.8	14.6	8.21	8.81	1.38	0.217	1.03	8.84	31.8	4.308	23
24	8.308	46.7 B	14.8	13.7	4.85	8.14	1.18	0.170	0.858	7.81	28.7	4.158	24
25	4.808	35.8 B	13.2	12.8	4.28	5.53	1.07	0.187	0.831	8.87	20.7	3.888	25
26	4.708	27.8 B	18.4	11.3	4.28	5.15	0.888	0.138	0.884	8.15	17.7	3.858	26
27	4.808	22.4 B	20.1	10.4	4.65	4.90	0.860	0.111	1.42	5.43	15.3	3.728	27
28	5.408	17.4 B	21.3	8.82	4.88	4.63	0.822	0.103	2.14	5.08	14.5	3.558	28
29	5.008		20.3	8.81	5.08	5.47	0.844	0.104	2.00	4.71	21.0	3.458	29
30	5.508		34.2	7.85	4.78	4.64	0.837	0.100	1.88	4.32	21.8 B	3.388	30
31	5.308		32.8		4.82		0.710	0.100		4.08		3.288	31
TOTAL	177.90	288.12	405.78	578.38	347.78	288.37	61.572	9.800	17.883	188.68	555.19	252.88	TOTAL
MEAN	5.74	10.5	13.1	22.8	11.2	8.88	1.88	0.316	0.588	5.47	18.5	8.15	MEAN
MAX	7.10	53.8	34.2	46.1	32.7	20.5	3.62	0.835	2.14	8.84	37.8	19.0	MAX
MIN	4.70	3.10	3.80	7.85	4.28	3.98	0.710	0.100	0.037	1.88	3.88	3.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.88
MAXIMUM DAILY, 53.8B ON FEB 23
MINIMUM DAILY, 0.037 ON SEP 14
MAXIMUM INSTANTANEOUS,
59.8 AT 15:00 AST ON FEB 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 33 52 N
LONG 64 21 05 W
DRAINAGE AREA, 370 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 400	JUL	5 330
FEB	25 800	AUG	847
MAR	35 100	SEP	1 530
APR	58 800	OCT	14 700
MAY	30 000	NOV	48 000
JUN	26 800	DEC	21 800

TOTAL DISCHARGE, 283 000 dam³

NOVA SCOTIA

GRAND RIVER AT LOCH LOMOND - STATION NO. 01FH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.75	2.87	6.12	8.71	7.20	1.48	1.84	1.03	0.367	3.80	2.84	7.28	1
2	3.83	2.61	7.28	8.86	6.78	1.38	1.61	0.917	0.322	3.58	2.87	6.86	2
3	3.62	2.56	8.80	8.81	6.86	1.42	1.37	0.808	0.376	3.80	2.86	6.37	3
4	3.38	2.62	8.68	8.89	7.48	1.31	1.20	0.882	0.367	4.85	3.76	6.54	4
5	3.27	2.38	8.36	10.4	7.28	1.31	1.08	0.842	0.346	4.81	4.48	6.19	5
6	3.08	2.27	6.14	11.4	6.83	1.28	0.967	0.821	0.284	4.78	4.46	5.86	6
7	2.90	2.14	4.82	13.6	6.28	1.20	0.938	0.700	0.284	4.83	4.86	5.82	7
8	2.86	2.03	4.46	15.9	6.28	1.17	0.880	0.786	0.278	4.84	4.88	6.10	8
9	3.17	1.91	4.06	17.2	7.37	1.60	0.818	0.774	0.283	5.13	4.89	6.86	9
10	3.87	1.78	3.87	17.5	8.01	1.78	0.784	0.725	0.248	5.41	5.87	6.70	10
11	3.78	1.71	3.33	16.6	7.84	2.47	1.82	0.648	0.246	5.87	6.88	6.39	11
12	3.71	1.61	3.08	15.4	7.37	3.72	3.28	0.602	0.240	10.1	7.08	4.88	12
13	4.00	1.58	2.78	14.1	6.87	4.21	3.85	0.573	0.226	12.8	7.14	4.58	13
14	4.31	1.44	2.63	13.0	6.58	4.18	4.11	0.583	0.201	12.4	6.83	4.22	14
15	4.63	1.48	2.34	12.1	6.02	3.89	4.04	0.651	0.831	11.4	6.70	3.86	15
16	4.88	1.47	2.41	11.1	5.50	3.81	4.07	0.582	1.81	10.3	6.86	3.60	16
17	5.08	1.42	2.58	12.2	5.12	3.47	3.90	0.577	1.86	8.40	6.73	3.50	17
18	5.06	1.40	2.81	14.8	4.88	3.28	3.60	0.576	2.20	8.44	7.01	3.26	18
19	4.81	1.37	3.27	15.3	4.14	3.12	3.17	0.521	2.17	7.84	7.23	3.11	19
20	4.80	1.31	3.22	16.8	3.84	2.86	2.84	0.440	2.11	8.83	7.47	2.92	20
21	4.60	1.30	3.24	16.8	3.42	2.76	2.86	0.383	2.13	6.81	7.76	2.74	21
22	4.18	2.16	3.80	16.7	3.10	2.71	2.49	0.448	2.05	6.04	6.42	2.57	22
23	3.97	5.30	3.85	14.4	2.88	2.64	2.28	0.456	1.88	6.08	6.86	2.40	23
24	3.87	6.88	3.83	13.2	2.81	2.28	2.04	0.433	1.85	5.72	6.61	2.23	24
25	3.39	9.86	4.23	12.1	2.41	2.18	1.84	0.481	1.78	5.28	7.81	2.04	25
26	3.10	9.80	5.81	10.9	2.23	2.11	1.87	0.408	1.71	4.82	7.24	1.97	26
27	3.10	9.82	6.86	10.1	2.05	2.03	1.80	0.383	3.24	4.51	6.78	1.86	27
28	3.00	8.86	7.77	9.10	1.86	1.87	1.40	0.348	4.10	4.12	6.28	1.81	28
29	2.83		8.89	8.36	1.78	1.86	1.31	0.300	4.07	3.76	6.88	1.81	29
30	2.81		8.44	7.76	1.80	1.76	1.30	0.334	4.13	3.48	7.51	1.72	30
31	2.72		8.87		1.56		1.16	0.342		3.22		1.63	31
TOTAL	116.25	83.43	161.16	385.12	183.86	70.91	85.816	17.634	41.482	186.17	187.28	124.82	TOTAL
MEAN	3.72	3.34	4.86	12.8	4.86	2.38	2.12	0.569	1.38	6.30	6.24	4.03	MEAN
MAX	5.06	9.86	8.87	17.5	8.01	4.21	4.11	1.03	4.13	12.8	8.81	7.28	MAX
MIN	2.72	1.30	2.34	7.76	1.56	1.17	0.784	0.300	0.201	3.22	2.86	1.63	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.35
MAXIMUM DAILY, 17.5 ON APR 10
MINIMUM DAILY, 0.201 ON SEP 14
MAXIMUM INSTANTANEOUS,
17.8 AT 04:01 AST ON APR 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 46 N
LONG 60 38 12 W
DRAINAGE AREA, 120 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 980	JUL	6 890
FEB	8 070	AUG	1 520
MAR	13 100	SEP	3 580
APR	33 300	OCT	16 000
MAY	13 300	NOV	16 200
JUN	6 130	DEC	10 800

TOTAL DISCHARGE, 139 000 dam³

HALFWAY BROOK NEAR SHEET HARBOUR - STATION NO. 01EN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.434B	0.432	0.807	1.33	0.485	0.286	0.233	0.208	0.281	0.872	0.288	0.883	1
2	0.425B	0.400	0.788	1.36	0.481	0.242	0.209	0.180	0.261	0.740	0.284	0.850B	2
3	0.415B	0.379B	0.679B	1.13	0.518	0.217	0.237	0.165	0.278	0.834	0.272	0.670B	3
4	0.386	0.358B	0.585B	1.45	0.551	0.205	0.188	0.127	0.248	1.48	0.282	1.11 B	4
5	0.397B	0.338B	0.498	1.58	0.498	0.735	0.158	0.112	0.231	1.26	0.274	0.970B	5
6	0.365B	0.318B	0.485	1.55	0.458	0.614	0.138	0.105	0.188	1.08	0.258	0.838B	6
7	0.440B	0.302B	0.628B	1.70	0.484	0.529	0.158	1.55	0.175	0.884	0.283	0.807	7
8	0.448	0.292	0.554B	1.75	1.38	0.555	0.405	1.11	0.156	0.802	0.261	1.18 B	8
9	0.552	0.287	0.487B	1.74	2.52	0.586	0.408	0.824	0.137	0.888	0.405	1.20 B	9
10	0.418	0.2218	0.404B	1.48	2.55	0.844	0.308	0.649	0.127	0.918	0.852	0.848	10
11	0.380	0.1888	0.380B	1.30	2.27	1.78	0.808	0.528	0.122	0.880	0.771	0.708	11
12	0.3028	0.1688	0.288	1.18	1.81	1.58	0.738	0.488	0.113	2.83	0.783	0.8108	12
13	0.524	0.1288	0.2718	1.01	1.58	1.28	0.678	0.418	0.088	2.19	0.883	0.8808	13
14	0.487B	0.198	0.2528	0.910	1.48	1.08	0.478	0.440	0.082	1.81	0.870	0.8108	14
15	0.548	0.328	0.2388	0.842	1.47	0.903	0.448	0.430	0.481	1.44	0.893	0.4708	15
16	0.852	0.308	0.349	0.815	1.27	0.824	0.403	0.388	0.786	1.20	0.871	0.4488	16
17	0.888	0.2908	0.382	1.58	1.07	0.808	0.378	0.384	0.803	1.05	0.884	0.4208	17
18	0.807	0.2798	0.381	1.28	0.929	0.715	0.422	0.338	0.845	0.883	0.851	0.4028	18
19	0.851	0.2638	0.858	1.30	0.818	0.837	0.374	0.302	0.732	0.855	0.870	0.3808	19
20	0.498	0.2558	0.5288	1.32	0.724	0.648	0.342	0.273	0.823	0.708	0.888	0.3608	20
21	0.881	0.3028	0.807	1.14	0.844	0.488	0.315	0.280	0.818	0.862	0.818	0.3428	21
22	0.8528	2.00 B	1.01	0.983	0.871	0.437	0.278	0.285	0.885	0.887	1.08	0.3288	22
23	0.8878	2.25 B	0.848	0.887	0.806	0.380	0.247	0.315	0.508	0.818	0.907	0.3088	23
24	0.474	2.20	0.705	0.805	0.455	0.338	0.218	0.387	0.488	0.835	0.858	0.2928	24
25	0.440	1.80	1.08	0.737	0.433	0.312	0.200	0.338	0.405	0.487	0.745	0.2788	25
26	0.4048	1.50	1.88	0.878	0.430	0.307	0.178	0.287	0.800	0.443	0.880	0.2678	26
27	0.478	1.31	1.33	0.810	0.388	0.311	0.188	0.240	2.21	0.404	0.838	0.2588	27
28	0.5878	1.12 B	1.20	0.883	0.419	0.284	0.171	0.201	1.82	0.371	0.784	0.2458	28
29	0.475		1.38	0.813	0.381	0.318	0.274	0.178	1.32	0.380	1.45	0.2388	29
30	0.418		1.21	0.478	0.318	0.270	0.285	0.315	1.03	0.331	1.22 B	0.2308	30
31	0.481		1.15		0.287		0.238	0.347		0.314		0.2188	31
TOTAL	18.580	18.364	22.054	33.683	28.218	19.801	9.841	12.117	15.877	28.871	18.881	17.618	TOTAL
MEAN	0.603	0.656	0.711	1.13	0.810	0.683	0.321	0.381	0.533	0.831	0.585	0.588	MEAN
MAX	0.852	2.25	1.88	1.75	2.55	1.75	0.808	1.88	2.21	2.53	1.45	1.20	MAX
MIN	0.302	0.128	0.238	0.478	0.287	0.242	0.138	0.105	0.082	0.314	0.258	0.218	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.583
MAXIMUM DAILY, 2.55 ON MAY 10
MINIMUM DAILY, 0.082 ON SEP 14
MAXIMUM INSTANTANEOUS,
2.81 AT 08:38 AST ON OCT 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 54 14 N
LONG 62 27 18 W
DRAINAGE AREA, 16.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 380	JUL	858
FEB	1 880	AUG	1 680
MAR	1 810	SEP	1 380
APR	2 830	OCT	2 480
MAY	2 440	NOV	1 700
JUN	1 720	DEC	1 810

TOTAL DISCHARGE, 20 800 dam³

INDIAN BROOK AT INDIAN BROOK - STATION NO. 01FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30B	2.83 B	5.30B	2.00B	38.5 E	1.78 E	1.84	0.887	0.731	2.83	2.28	4.07B	1
2	3.25B	2.60 B	5.80B	2.82B	37.0 E	1.88 E	1.54	0.483	0.885	2.28	2.37	3.88B	2
3	3.20B	2.37 B	4.90B	2.40B	46.5 E	1.88 E	1.45	0.443	2.83	1.88	4.78	3.68B	3
4	3.13B	2.25 B	4.40B	2.30B	38.0 E	1.74	1.31	0.414	1.22	12.0	13.1	4.04B	4
5	2.07B	2.13 B	3.80B	2.20B	27.0 E	1.67	1.20	0.388	0.748	7.00	8.00	3.82B	5
6	1.88B	2.03 B	3.80B	12.0 B	21.6 E	1.43	1.08	0.384	0.887	4.85	4.10	3.28B	6
7	1.84B	1.93 B	3.24B	30.8 B	38.0 E	1.32	0.920	0.371	0.480	4.32	8.10	3.17B	7
8	1.78B	1.80 B	2.98B	21.0 B	88.0 E	1.30	0.874	0.449	0.420	8.00	8.35	3.08B	8
9	1.85B	1.84 B	2.78B	15.2 E	48.0 A	1.81	0.817	0.491	0.381	4.02	10.0	3.84B	9
10	1.80B	1.50 B	2.52B	12.0 E	36.5 E	1.44	0.784	0.418	0.330	18.2	18.9	3.87B	10
11	8.00B	1.38 B	2.33B	10.0 E	28.0 E	2.95	44.1	0.333	0.318	8.83	8.75	3.38B	11
12	10.0 B	1.22 B	2.20B	8.80A	23.0 E	4.11	20.6	0.327	0.303	28.4	7.00	3.19B	12
13	18.0 B	1.18 B	2.02B	7.50E	18.2 E	2.79	8.08	0.328	0.288	15.2	8.02	3.02B	13
14	14.0 B	1.06 B	1.78B	8.70E	15.1 E	2.84	4.84	0.387	0.282	8.81	5.33	2.80B	14
15	10.2 B	1.00 B	1.88B	8.10E	12.7 E	1.62	3.85	0.401	0.441	8.22	17.0	2.80B	15
16	17.2 B	0.820B	1.90B	5.75E	10.0 E	1.35	2.82	0.388	8.82	4.80	33.0	3.71B	16
17	13.0 B	0.880B	2.43B	5.48E	8.05E	1.35	2.28	0.368	2.84	4.15	18.4	2.82B	17
18	8.40B	0.770B	2.20B	5.17E	8.80E	1.41	2.19	0.286	4.08	3.83	8.50	2.51B	18
19	7.40B	0.780B	1.98B	4.85E	5.43E	1.10	2.05	0.287	4.10	3.50	7.50	2.40B	19
20	6.50B	0.880B	1.85B	11.3 E	4.38E	0.945	1.70	0.323	2.11	3.32	6.80	2.30B	20
21	5.88B	8.40 B	1.38B	8.80E	3.50E	0.837	1.43	0.282	1.37	8.00	8.00	2.24B	21
22	5.10B	26.0 B	1.20B	7.80E	3.02E	1.07	1.22	0.358	1.84	14.2	15.1	2.18B	22
23	4.68B	19.0 B	1.03B	8.20E	2.73E	0.883	1.08	0.888	2.01	8.00	12.0 B	2.14B	23
24	4.30B	15.2 B	2.40B	8.00E	2.50E	0.835	0.981	0.487	1.28	8.10	10.0 B	2.08B	24
25	3.98B	12.0 B	3.08B	6.08A	2.38E	1.73	0.893	0.559	1.02	8.00	8.00B	2.04B	25
26	3.73B	9.80 B	2.72B	7.80E	3.30E	28.0	0.828	1.89	0.834	4.20	8.40B	1.98B	26
27	3.61B	8.40 B	2.53B	10.0 E	2.78E	22.3	0.782	0.882	7.03	3.84	8.40B	1.80B	27
28	3.32B	7.20 B	2.37B	13.1 E	2.41E	8.30	0.788	0.831	17.4	3.27	4.85B	1.85B	28
29	3.11B		2.23B	17.0 E	2.20E	3.85	0.741	0.834	8.35	2.98	4.81B	1.81B	29
30	2.98B		2.15B	21.3 E	2.07E	2.73	0.888	0.484	3.25	2.73	4.35B	1.77B	30
31	2.78B		2.08B		1.98E		0.908	0.888		2.48		1.75B	31
TOTAL	174.70	133.870	83.43	277.82	532.51	104.770	114.341	15.190	72.388	207.84	278.07	85.57	TOTAL
MEAN	5.64	4.77	2.69	8.25	17.2	3.49	3.69	0.490	2.41	8.70	8.20	2.78	MEAN
MAX	19.0	26.0	8.30	30.8	88.0	28.0	44.1	1.89	17.4	28.4	33.0	4.07	MAX
MIN	1.80	0.880	1.03	2.00	1.98	0.838	0.808	0.223	0.288	1.88	2.28	1.75	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.69
MAXIMUM DAILY, 88.0E ON MAY 6
MINIMUM DAILY, 0.223 ON AUG 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 15 N
LONG 60 32 05 W
DRAINAGE AREA, 135 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 100	JUL	9 880
FEB	11 500	AUG	1 310
MAR	7 210	SEP	6 280
APR	24 000	OCT	17 900
MAY	46 000	NOV	23 900
JUN	9 050	DEC	7 390

TOTAL DISCHARGE, 180 000 dam³

REMARKS - DISCHARGES OCT 1-NOV 30 ADJUSTED DUE TO SENSING PROBLEMS. FLOWS SUPPLEMENTED THROUGH RIPARIAN PIPE AT LOW FLOW

KEJIMKUJIK LAKE - STATION NO. 01ED003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.106	1.125	1.584	1.833	1.183	0.871	0.818	0.842	0.448	0.580	0.834	1.432	1
2	1.110	1.122	1.585	1.873	1.172	0.858	0.813	0.830	0.448	0.585	0.833	1.423	2
3	1.108	1.123	1.526	1.814	1.158	0.884	0.805	0.822	0.442	0.598	0.838	1.420	3
4	1.110	1.120	1.480	1.718	1.137	0.881	0.888	0.812	0.438	0.828	0.838	1.417	4
5	1.111	1.103	1.440	1.741	1.110	0.887	0.887	0.804	0.428	0.843	0.838	1.403	5
6	1.097	1.084	1.418	1.783	1.088	0.888	0.878	0.801	0.428	0.884	0.841	1.387	6
7	1.078	1.081	1.384	1.844	1.098	0.885	0.888	0.888	0.423	0.870	0.845	1.381	7
8	1.068	1.080	1.353	1.894	1.114	0.898	0.888	0.808	0.420	0.882	0.850	1.380	8
9	1.071	1.051	1.318	1.925	1.125	1.008	0.857	0.808	0.418	0.891	0.888	1.384	9
10	1.088	1.038	1.280	1.937	1.131	1.018	0.844	0.880	0.413	0.893	0.831	---	10
11	1.057	1.018	1.248	1.920	1.132	1.043	0.855	0.883	0.412	0.701	1.001	---	11
12	1.048	1.005	1.218	1.888	1.138	1.058	0.838	0.872	0.408	0.718	1.071	---	12
13	1.058	0.994	1.181	1.837	1.147	1.058	0.830	0.873	0.405	0.728	1.124	---	13
14	1.083	0.882	1.180	1.781	1.173	1.048	0.821	0.872	0.401	0.734	1.171	---	14
15	1.073	0.887	1.138	1.728	1.188	1.038	0.813	0.868	0.427	0.733	1.214	---	15
16	1.102	1.015	1.133	1.679	1.181	1.038	0.800	0.888	0.435	0.738	1.280	---	16
17	1.128	1.020	1.144	1.844	1.188	1.040	0.784	0.857	0.450	0.741	1.341	---	17
18	1.148	1.022	1.157	1.811	1.188	1.041	0.784	0.845	0.482	0.781	1.388	---	18
19	1.154	1.018	1.210	1.878	1.172	1.043	0.784	0.838	0.488	0.770	1.428	---	19
20	1.155	1.010	1.242	1.847	1.152	1.034	0.773	0.828	0.478	0.778	1.488	---	20
21	1.158	1.012	1.276	1.808	1.127	1.024	0.787	0.828	0.501	0.788	1.487	---	21
22	1.157	1.084	1.321	1.478	1.120	1.010	0.788	0.820	0.507	0.813	1.516	---	22
23	1.180	1.230	1.343	1.448	1.088	0.982	0.743	0.813	0.521	0.823	1.518	---	23
24	1.153	1.377	1.358	1.414	1.087	0.887	0.728	0.811	0.525	0.827	1.513	---	24
25	1.142	1.478	1.371	1.377	1.088	0.851	0.714	0.487	0.517	0.830	1.502	---	25
26	1.132	1.550	1.380	1.338	1.048	0.835	0.708	0.480	0.523	0.833	1.488	---	26
27	1.147	1.587	1.407	1.312	1.044	0.826	0.887	0.488	0.542	0.832	1.488	---	27
28	1.161	1.595	1.427	1.278	1.037	0.817	0.693	0.489	0.545	0.832	1.448	---	28
29	1.155		1.488	1.245	1.020	0.828	0.888	0.454	0.558	0.831	1.455	---	29
30	1.145		1.521	1.218	1.002	0.825	0.872	0.484	0.580	0.827	1.441	---	30
31	1.135		1.581		0.995		0.852	0.481		0.823		---	31
MEAN	1.115	1.140	1.343	1.822	1.117	0.898	0.788	0.880	0.485	0.737	1.195	---	MEAN
MAX	1.188	1.595	1.584	1.937	1.186	1.058	0.818	0.842	0.580	0.833	1.518	---	MAX
MIN	1.048	0.882	1.133	1.218	0.995	0.817	0.852	0.481	0.401	0.580	0.833	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.937 ON APR 10
MINIMUM DAILY, 0.401 ON SEP 14
MAXIMUM INSTANTANEOUS,
1.948 AT 11:07 AST ON APR 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 26 46 N
LONG 65 13 00 W

NATURAL FLOW

DRAINAGE AREA,
8.74 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 88.072 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KELLEY RIVER (MILL CREEK) AT EIGHT MILE FORD - STATION NO. 01DL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.470B	0.320B	1.04 B	6.20B	2.31	0.488	0.384	0.101	0.082	0.188	0.224	1.38 B	1
2	0.425B	0.370B	0.950B	5.10B	2.34	0.453	0.358	0.092	0.118	0.161	0.388	1.25 B	2
3	0.385B	0.315B	0.850B	4.70B	3.48	0.436	0.536	0.088	0.172	0.253	0.308	1.21 B	3
4	0.365B	0.285B	0.780B	6.00B	3.10	0.384	0.403	0.087	0.122	0.887	0.615	1.15 B	4
5	0.335B	0.270B	0.710B	7.80B	2.22	0.378	0.313	0.083	0.090	0.483	0.800	1.06 B	5
6	0.310B	0.252B	0.670B	10.3 B	1.88	0.336	0.262	0.088	0.078	0.371	0.480	0.980B	6
7	0.280B	0.245B	1.12 B	14.0 B	5.90	1.37	0.233	0.107	0.086	0.350	1.02	0.890B	7
8	0.480B	0.235B	0.820B	8.80B	8.15	1.88	0.218	0.112	0.080	0.331	0.883	0.830B	8
9	0.840B	0.224B	0.780B	5.80B	4.55	8.38	0.187	0.121	0.087	0.292	1.20	0.730B	9
10	0.500B	0.218B	0.690B	4.80B	4.40	4.15	0.181	0.107	0.083	0.226	5.90	0.700B	10
11	0.410B	0.210B	0.610B	4.26	4.50	5.73	1.14	0.080	0.048	0.207	4.86	0.665B	11
12	0.340B	0.205B	0.560B	4.12	3.55	5.22	2.00	0.076	0.047	0.446	3.67	0.619B	12
13	0.420B	0.200B	0.519B	3.66	2.83	3.51	1.12	0.078	0.047	0.487	2.82	0.580B	13
14	0.880B	0.195B	0.480B	3.54	2.39	2.16	0.596	0.230	0.053	0.400	2.02	0.580B	14
15	0.520B	0.220B	2.20 B	3.19	2.11	1.38	0.420	0.304	0.181	0.319	2.28	0.525B	15
16	1.00 B	0.538B	3.80 B	3.20	1.73	1.41	0.320	0.220	0.388	0.257	5.28	0.500B	16
17	0.780B	0.480B	2.65 B	7.83	1.41	2.08	0.285	0.224	0.416	0.276	5.10	0.470B	17
18	0.620B	0.370B	2.00 B	7.82	1.18	1.84	0.381	0.187	0.702	0.350	3.71	0.448B	18
19	0.560B	0.325B	1.76 B	5.86	1.03	2.48	0.328	0.123	0.448	0.338	5.34	0.420B	19
20	0.505B	0.290B	2.40 B	5.17	0.833	1.52	0.283	0.087	0.318	0.281	3.80	0.400B	20
21	0.460B	0.850B	1.85 B	4.53	0.815	1.01	0.231	0.085	0.311	0.270	2.92	0.380B	21
22	0.420B	3.50 B	1.75 B	3.89	0.705	0.790	0.194	0.084	0.295	0.358	2.28	0.380B	22
23	0.370B	8.00 B	1.52 B	3.26	0.602	0.627	0.187	0.081	0.226	0.324	2.57	0.342B	23
24	0.342B	8.40 B	1.34 B	3.10	0.549	0.512	0.146	0.080	0.201	0.296	2.65	0.328B	24
25	0.310B	5.00 B	4.50 B	3.00	0.848	0.473	0.137	0.078	0.183	0.267	2.61 B	0.310B	25
26	0.280B	3.15 B	15.8 B	2.85	0.988	0.458	0.134	0.088	0.171	0.237	2.53	0.322B	26
27	0.380B	2.10 B	11.0 B	2.55	0.859	0.418	0.133	0.061	0.422	0.215	1.79	0.380B	27
28	0.540B	1.80 B	8.80 B	2.48	0.874	0.438	0.132	0.058	0.406	0.211	1.58 B	0.320B	28
29	0.510B		8.80 B	2.41	1.03	0.854	0.134	0.055	0.308	0.206	1.80 B	0.292B	29
30	0.420B		5.50 B	2.36	0.759	0.959	0.133	0.056	0.250	0.195	1.58 B	0.270B	30
31	0.280B		4.50 B		0.587		0.117	0.081		0.188		0.258B	31
TOTAL	14.387	37.736	88.589	151.86	66.357	48.705	11.587	3.389	5.287	9.841	72.987	18.931	TOTAL
MEAN	0.483	1.35	2.89	5.06	2.14	1.68	0.374	0.109	0.210	0.308	2.42	0.811	MEAN
MAX	1.00	8.00	15.8	14.0	8.15	8.38	2.00	0.304	0.702	0.887	5.90	1.38	MAX
MIN	0.280	0.195	0.680	2.36	0.549	0.338	0.117	0.055	0.048	0.181	0.224	0.258	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 15.8B ON MAR 26
MINIMUM DAILY, 0.048 ON SEP 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 35 10 N
LONG 64 27 05 W
DRAINAGE AREA, 83.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	1 000
FEB	3 280	AUG	291
MAR	7 740	SEP	543
APR	13 100	OCT	824
MAY	5 730	NOV	6 270
JUN	4 200	DEC	1 640

TOTAL DISCHARGE, 45 900 dam³

LAHAVE RIVER AT WEST NORTHFIELD - STATION NO. 01EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.0	20.68	55.5	111	25.5	16.5	16.7	3.25	0.815	5.73	10.8	59.28	1
2	25.2	18.68	48.3	122	24.2	15.6	15.2	3.09	0.830	5.28	11.4	52.78	2
3	23.6	18.78	41.68	114	23.8	23.0	14.1	2.88	0.786	6.23	11.8	47.88	3
4	22.3	17.78	36.28	108	23.5	31.6	13.3	2.64	0.702	8.82	14.2	55.88	4
5	20.68	16.88	33.3	115	22.5	34.1	12.0	2.45	0.728	13.3	15.6	60.78	5
6	19.08	16.28	32.38	127	21.1	32.5	11.2	2.47	0.728	13.5	16.2	47.88	6
7	17.68	15.38	30.68	141	45.8	29.0	10.2	2.57	0.747	13.0	15.4	47.2	7
8	16.9	14.88	28.38	154	108	27.8	10.1	2.45	0.702	12.2	15.8	44.68	8
9	20.7	14.28	27.68	152	105	38.6	9.38	2.25	0.852	11.0	16.6	40.88	9
10	22.1	13.88	24.78	132	88.4	46.1	8.72	2.09	0.583	10.1	39.8	37.18	10
11	20.6	13.38	24.28	112	75.1	46.1	8.83	1.88	0.686	9.82	88.1	33.48	11
12	18.88	12.88	22.3	95.4	62.8	42.9	8.31	1.82	0.834	12.2	80.6	30.48	12
13	20.68	12.68	20.28	80.4	56.7	38.3	8.71	1.68	0.601	15.0	58.7	27.38	13
14	22.28	12.28	18.68	69.4	57.8	34.0	8.21	1.80	0.458	15.8	51.4	25.48	14
15	23.38	12.08	18.9	61.6	66.2	30.6	7.88	1.76	0.760	14.6	47.2	23.78	15
16	31.08	11.88	35.8	55.4	62.5	28.0	7.24	1.76	0.858	13.6	85.8	22.28	16
17	30.58	11.78	45.6	52.1	45.6	27.3	7.02	1.71	1.07	12.8	73.0	21.48	17
18	27.58	11.58	48.1	61.9	38.7	26.1	7.23	1.57	1.42	14.2	61.6	19.98	18
19	25.08	11.48	57.8	58.1	34.6	26.1	7.31	1.47	2.08	15.2	50.1	18.78	19
20	27.08	11.38	53.6	54.9	30.6	24.7	7.06	1.44	3.13	15.1	78.1	17.48	20
21	22.68	38.48	51.6	51.6	27.3	22.2	6.83	1.53	3.80	15.0	78.2	16.48	21
22	22.08	85.9	58.1	47.0	24.2	18.8	6.43	1.41	4.01	16.0	64.8	15.68	22
23	21.7	138	55.6	44.1	21.6	17.3	6.08	1.24	3.76	16.6	60.6	15.08	23
24	21.1	120	48.0	40.7	18.5	15.8	5.88	1.28	3.69	16.1	74.6	14.58	24
25	20.08	97.6	47.2	37.6	16.7	14.8	5.30	1.11	3.85	15.3	66.5	13.98	25
26	19.28	82.9	57.1	35.3	20.2	14.1	5.06	1.03	3.72	14.6	59.6	13.38	26
27	18.5	71.7	80.9	32.7	20.6	13.0	4.80	0.987	4.28	13.6	53.7	12.68	27
28	23.5	62.2	86.2	30.8	22.0	12.4	4.62	0.937	4.83	13.0	50.3	12.38	28
29	24.5		88.9	28.7	21.2	15.2	4.30	0.888	5.78	12.1	84.4	11.68	29
30	22.9		105	28.9	18.3	17.6	3.88	0.833	5.87	11.4	66.0B	11.38	30
31	21.78		105		17.8		3.36	0.835		10.8		10.98	31
TOTAL	701.3	953.8	1 452.6	2 362.8	1 236.8	780.2	266.45	55.441	82.261	392.88	1 482.5	871.0	TOTAL
MEAN	22.6	34.1	46.9	78.8	39.9	26.0	8.27	1.78	2.06	12.7	49.6	28.1	MEAN
MAX	31.0	138	105	154	108	46.1	16.7	3.25	5.87	16.6	84.9	59.2	MAX
MIN	16.9	11.3	18.8	28.9	17.8	12.4	3.36	0.823	0.458	5.28	10.8	10.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.1
MAXIMUM DAILY, 154 ON APR 6
MINIMUM DAILY, 0.458 ON SEP 14
MAXIMUM INSTANTANEOUS,
157 AT 02:54 AST ON APR 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 48 N
LONG 64 35 30 W
DRAINAGE AREA, 1 280 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 800	JUL	22 200
FEB	82 400	AUG	6 780
MAR	126 000	SEP	5 380
APR	204 000	OCT	34 000
MAY	107 000	NOV	128 000
JUN	67 400	DEC	76 300

TOTAL DISCHARGE, 918 000 dam³

LAKE O'LAW BROOK AT EGYPT ROAD - STATION NO. 01FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.885	0.8808	1.13 B	1.85	4.37	0.888	0.486	0.412	0.407	0.588	0.785	1.40	1
2	0.788	0.8308	1.06 B	1.88	4.17	0.872	0.488	0.402	0.880	0.542	0.748	1.37	2
3	0.728	0.8008	1.01 B	1.47	10.7	0.870	0.472	0.403	0.840	0.871	0.783	1.18 B	3
4	0.700	0.7708	0.8708	1.88	8.01	0.848	0.486	0.384	0.837	1.17	1.08	1.04 B	4
5	0.8708	0.7358	0.8108	2.85	5.84	0.780	0.482	0.383	0.387	1.19	0.895	1.00 B	5
6	0.8408	0.7108	0.8608	5.88	5.88	0.735	0.450	0.381	0.388	1.31	0.813	0.8508	6
7	0.8108	0.6958	0.8508	13.0	7.18	0.730	0.443	0.418	0.384	1.17	1.35	0.8158	7
8	0.7008	0.6788	0.8208	10.9	16.4	0.708	0.448	0.408	0.383	1.14	1.20	0.8508	8
9	1.10 B	0.6658	0.7858	8.87	15.1	0.770	0.431	0.394	0.340	1.88	1.18	1.07 B	9
10	0.8308	0.8328	0.7458	8.21	8.85	0.887	0.423	0.375	0.332	2.33	1.88	1.18 B	10
11	1.18 B	0.8188	0.7158	5.07	8.28	0.843	0.712	0.378	0.331	1.71	1.47	1.08	11
12	1.08 B	0.8008	0.6808	4.13	5.08	0.834	1.12	0.384	0.328	2.44	1.85	1.00	12
13	1.38 B	0.8608	0.6608	3.88	4.38	0.883	1.48	0.381	0.314	2.18	2.08	1.00	13
14	1.80 B	0.8818	0.6358	3.33	3.70	0.813	0.884	0.382	0.302	1.71	1.78	0.922	14
15	2.20 B	0.8488	0.8228	3.14	3.28	0.748	0.801	0.373	0.288	1.48	1.81	0.888	15
16	2.58	0.8388	1.18 B	2.81	2.87	0.708	0.884	0.381	0.835	1.22	3.28	0.818	16
17	2.18	0.8208	1.18	3.01	2.82	0.885	0.838	0.348	0.477	1.33	4.12	0.821	17
18	1.84	0.8038	1.08	2.78	2.38	0.877	0.898	0.328	0.808	1.42	3.71	0.809	18
19	1.73	0.4808	1.01 B	2.80	2.04	0.848	0.888	0.314	0.440	1.13	3.73	0.878	19
20	1.80 B	0.4728	0.9858	3.81	1.82	0.845	0.838	0.308	0.409	0.883	3.33	0.888	20
21	1.48 B	0.4808	0.928	3.43	1.70	0.821	0.808	0.388	0.470	0.833	3.80	0.888	21
22	1.38 B	1.48 B	0.880	3.40	1.84	0.808	0.484	0.348	0.438	2.01	4.88	0.8308	22
23	1.24 B	3.10 B	0.8708	3.42	1.41	0.802	0.488	0.337	0.477	1.83	4.12	0.821	23
24	1.17 B	2.83	0.8408	3.13	1.30	0.884	0.488	0.401	0.428	1.78	3.43	0.8058	23
25	1.11 B	2.24	0.8108	2.88	1.30	0.883	0.482	0.411	0.428	1.84	2.83	0.8358	24
26	1.04 B	1.78	0.7808	2.88	1.23	0.892	0.454	0.844	0.488	1.38	2.28	0.8848	26
27	1.18	1.48 B	0.848	2.83	1.18	0.818	0.448	0.817	0.458	1.20	1.88	0.8708	28
28	1.02	1.22 B	1.18	2.88	1.18	0.878	0.438	0.443	0.880	1.07	1.82	0.8588	27
28	0.883	2.24	1.18	2.88	1.10	0.884	0.438	0.440	0.758	0.881	1.88	0.8438	28
30	0.807	1.82	1.02	3.44	1.02	0.840	0.432	0.407	0.888	0.878	1.88	0.8258	30
31	0.878	1.88			0.948		0.414	0.482		0.820		0.8188	31
TOTAL	37.849	27.430	30.781	118.83	138.275	21.183	17.858	12.388	14.831	40.841	83.408	28.488	TOTAL
MEAN	1.21	0.880	0.883	3.88	4.48	0.705	0.870	0.400	0.488	1.31	2.11	0.884	MEAN
MAX	2.58	3.10	2.24	13.0	18.4	0.883	1.48	0.844	1.88	2.44	4.88	1.87	MAX
MIN	0.810	0.480	0.822	1.47	0.948	0.840	0.414	0.308	0.302	0.542	0.748	0.818	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.51
MAXIMUM DAILY, 18.4 ON MAY 8
MINIMUM DAILY, 0.302 ON SEP 14
MAXIMUM INSTANTANEOUS,
18.7 AT 22:84 AST ON MAY 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 53 N
LONG 80 58 23 W
DRAINAGE AREA, 37.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 250	JUL	1 530
FEB	2 370	AUG	1 070
MAR	2 680	SEP	1 280
APR	10 200	OCT	3 510
MAY	11 900	NOV	5 480
JUN	1 830	DEC	2 280

TOTAL DISCHARGE, 47 400 dam³

LISCOMB RIVER AT LISCOMB MILLS - STATION NO. 01EN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.678	7.73	20.4 B	34.7	12.0	5.10	3.55	2.45	3.61	18.0	5.18	22.3 B	1
2	8.888	7.71	18.5 B	37.1	11.5	4.83	3.37	2.42	3.82	13.0	5.12	19.9 B	2
3	8.348	7.858	13.5 B	38.8	14.2	5.12	3.26	2.38	3.43	11.2	4.88	17.5 B	3
4	8.758	7.338	10.7 B	36.8	20.2	8.58	3.02	2.38	3.39	23.0	4.77	18.4	4
5	8.388	7.108	8.888	47.8	35.0	11.3	2.81	2.18	3.28	32.8	4.84	18.0	5
6	5.188	6.888	8.85	55.6	33.2	12.0	2.63	1.85	3.18	32.8	4.83	15.0	6
7	4.845	6.238	10.8 B	84.3	20.2	11.4	2.48	3.73	2.88	28.6	5.44	18.9	7
8	4.82	6.088	9.728	81.8	148	14.7	2.87	7.80	2.78	22.8	8.02	18.4 B	8
9	4.348	4.588	8.808	70.8	128	18.7	2.84	8.02	2.55	18.2	7.28	18.1 B	9
10									2.29	19.4	13.3	18.1 B	10
11	7.788	4.238	7.828	85.7	80.1	38.5	5.74	8.80	2.03	20.1	18.5	14.0 B	11
12	7.838	3.84	8.44	84.2	88.3	28.8	14.0	5.61	1.85	80.5	20.8	11.8 B	12
13	8.48	3.82	8.088	38.8	49.5	28.1	21.2	4.88	1.85	80.4	21.5	8.888	13
14	10.1 B	3.848	8.518	30.4	40.0	20.8	20.0	4.08	1.35	88.4	20.8	8.428	14
15	11.0	4.11	8.85	28.8	38.1	18.2	15.9	3.85	3.20	48.7	19.8	7.858	15
16	13.4	5.02	8.75	24.4	32.8	12.8	12.0	3.44	13.0	34.5	19.3	7.018	16
17	14.1	5.808	8.558	28.8	28.2	11.4	9.18	3.01	21.8	28.2	18.1	8.878	17
18	13.2	5.818	13.1	34.8	23.8	10.1	7.87	2.88	24.3	19.8	20.1	8.028	18
19	11.3	5.818	18.5 B	37.3	18.2	8.80	6.81	2.08	20.8	18.2	22.4	8.54	19
20	8.388	5.038	21.4 B	38.7	15.8	8.58	5.11	1.74	15.8	13.7	23.7	8.27	20
21	8.848	4.83	18.6 B	38.2	12.8	7.81	5.40	1.87	12.2	12.0	25.7	8.228	21
22	8.558	22.1	22.3 B	31.4	10.8	6.80	4.83	1.74	9.78	11.8	33.6	8.038	22
23	8.508	73.2	24.8 B	28.9	9.18	5.88	4.23	1.83	8.12	12.0	38.3 B	8.448	23
24	7.228	80.8	26.5 B	23.1	8.07	5.32	3.72	2.88	8.86	11.8	38.3 B	8.878	24
25	8.278	80.8	28.8	20.3	7.08	4.82	3.38	3.08	8.80	10.8	28.4	8.528	25
26	7.808	44.8	42.8	18.4	8.83	4.48	2.88	2.88	8.83	8.30	23.4	8.18	26
27	8.558	33.7	48.4	16.4	8.18	4.32	2.88	2.78	18.8	8.20	18.8	8.00	27
28	7.228	24.8 B	50.1	14.9	8.18	4.03	2.48	2.88	28.8	7.33	18.3	8.04	28
29	7.82		51.3	13.4	8.38	3.84	2.41	2.33	30.8	8.81	21.7	3.88	28
30	7.88		52.8	12.8	8.11	3.78	2.40	2.30	24.2	8.02	23.7	3.848	30
31	7.74		48.4		8.82		2.40	3.28		8.43		3.868	31
TOTAL	247.78	488.81	832.84	1 118.4	838.38	324.88	185.38	108.08	288.19	884.78	535.27	315.14	TOTAL
MEAN	7.88	16.3	20.4	37.2	30.3	10.8	8.88	3.38	8.81	22.4	17.8	10.2	MEAN
MAX	14.1	80.8	52.8	81.8	148	28.8	21.2	8.02	30.8	80.4	38.2	22.3	MAX
MIN	4.38	3.82	4.85	12.8	8.82	3.78	2.40	1.87	1.35	8.43	4.77	3.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.0
MAXIMUM DAILY, 148 ON MAY 9
MINIMUM DAILY, 1.35 ON SEP 14
MAXIMUM INSTANTANEOUS,
181 AT 18:08 AST ON MAY 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 00 54 N
LONG 82 08 45 W
DRAINAGE AREA, 388 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 400	JUL	18 000
FEB	39 400	AUG	8 080
MAR	54 700	SEP	24 800
APR	88 800	OCT	80 000
MAY	81 100	NOV	48 200
JUN	28 100	DEC	27 200

TOTAL DISCHARGE, 505 000 dam³

NOVA SCOTIA

LITTLE SACKVILLE RIVER AT MIDDLE SACKVILLE - STATION NO. 01EJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1058	0.3508	0.2508	1.56	0.112	0.080	0.100	0.017	0.024	0.044	0.428	0.2928	1
2	0.0888	0.2508	0.1408	0.885	0.109	0.185	0.085	0.015	0.089	0.033	0.216	0.2708	2
3	0.0738	0.1908	0.1088	0.535	1.21	2.42	0.072	0.014	0.033	1.52	0.180	0.5288	3
4	0.0588	0.1408	0.1118	1.76	0.414	0.823	0.032	0.012	0.018	0.531	0.586	1.01 B	4
5	0.0638	0.1108	0.1208	1.11	0.289	0.415	0.031	0.012	0.014	0.130	0.177	0.3808	5
6	0.0598	0.0828	0.4008	1.03	0.230	0.278	0.027	0.037	0.013	0.115	0.188	0.2868	6
7	0.0568	0.0718	0.3378	1.49	1.77	0.173	0.022	0.037	0.012	0.165	0.382	0.2208	7
8	0.1408	0.0658	0.2308	1.39	2.91	0.618	0.286	0.020	0.010	0.102	0.187	0.1608	8
9	0.4708	0.0598	0.1758	0.840	2.20	1.87	0.085	0.018	0.008	0.095	0.854	0.1878	9
10	0.1958	0.0558	0.1388	0.560	1.58	0.732	0.451	0.015	0.006	0.088	1.37	0.1488	10
11	0.1108	0.0528	0.1008	0.408	0.824	0.858	1.43	0.025	0.006	1.87	0.808	0.1268	11
12	0.0808	0.0498	0.0808	0.325	0.509	0.467	0.188	0.048	0.007	3.04	0.553	0.1158	12
13	0.2858	0.0478	0.0688	0.244	0.351	0.338	0.081	0.013	0.005	0.708	0.340	0.1048	13
14	0.7708	0.0458	0.0618	0.248	0.741	0.228	0.064	0.013	0.007	0.370	0.389	0.0838	14
15	0.4508	0.8108	0.5908	0.253	0.464	0.168	0.085	0.021	0.892	0.204	0.388	0.0858	15
16	0.3408	0.5008	1.20 B	0.870	0.304	0.191	0.044	0.013	0.110	0.131	1.37	0.0788	16
17	0.2808	0.2608	0.8808	1.81	0.221	0.186	0.137	0.010	0.321	0.181	0.872	0.0718	17
18	0.2108	0.1858	0.5408	0.825	0.149	0.152	0.110	0.010	0.133	0.373	0.542	0.0658	18
19	0.1708	0.1658	0.4708	0.628	0.118	0.110	0.085	0.010	0.068	0.153	0.707	0.0608	19
20	0.1508	0.1578	0.4208	0.535	0.104	0.088	0.065	0.105	0.031	0.120	0.474	0.0588	20
21	0.8008	0.3908	0.8108	0.375	0.093	0.073	0.048	0.178	0.080	0.540	1.88 B	0.0528	21
22	0.3758	1.80 B	1.20	0.298	0.085	0.063	0.032	0.061	0.032	0.351	0.885	0.0488	22
23	0.2308	2.51	0.5958	0.311	0.078	0.060	0.023	0.043	0.025	0.188	0.5058	0.0458	23
24	0.1508	0.9108	0.4628	0.255	0.073	0.047	0.021	0.048	0.031	0.122	0.3738	0.0428	24
25	0.1008	0.6548	2.47	0.218	0.092	0.048	0.018	0.028	0.023	0.112	0.2708	0.0398	25
26	0.2158	0.5518	1.18	0.183	0.082	0.048	0.018	0.023	0.881	0.113	0.2088	0.0378	26
27	1.07 B	0.4538	0.914	0.147	0.082	0.039	0.016	0.023	0.852	0.095	0.1508	0.0348	27
28	0.4208	0.3418	1.27	0.134	0.225	0.351	0.136	0.022	0.093	0.104	0.8988	0.0328	28
29	0.2208		1.21	0.121	0.088	0.151	0.080	0.021	0.086	0.083	1.57 B	0.0318	29
30	0.1808		0.885	0.118	0.078	0.111	0.034	0.142	0.112	0.075	0.4868	0.0288	30
31	0.4208		0.949		0.087		0.022	0.087		0.072		0.0278	31
TOTAL	8.322	11.281	17.716	18.818	15.784	10.881	3.818	1.087	3.890	12.008	18.084	4.761	TOTAL
MEAN	0.268	0.402	0.571	0.627	0.509	0.356	0.123	0.035	0.133	0.387	0.802	0.153	MEAN
MAX	1.07	2.51	2.47	1.76	2.91	2.42	1.43	0.178	0.892	3.04	1.88	1.01	MAX
MIN	0.056	0.045	0.081	0.118	0.073	0.038	0.018	0.010	0.005	0.033	0.180	0.027	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.348
MAXIMUM DAILY, 3.04 ON OCT 12
MINIMUM DAILY, 0.005 ON SEP 13
MAXIMUM INSTANTANEOUS,
10.4 AT 21:35 AST ON OCT 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 45 48 N
LONG 63 41 20 W
DRAINAGE AREA, 13.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	718	JUL	330
FEB	973	AUG	84.8
MAR	1 530	SEP	345
APR	1 630	OCT	1 040
MAY	1 360	NOV	1 560
JUN	924	DEC	410

TOTAL DISCHARGE, 10 800 dam³

LITTLE WEST RIVER NEAR SHEET HARBOUR - STATION NO. 01EM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.05	1.36	3.84	4.78	1.57	0.883	0.882	0.748	0.470	2.01	0.883	3.04	1
2	1.04	1.31	3.36	4.51	1.59	0.867	0.597	0.885	0.384	1.84	0.867	2.78	2
3	1.00	1.27	2.81	4.42	1.73	1.18	0.620	0.832	0.402	1.59	0.838	2.71	3
4	0.957	1.25	2.56	4.48	2.28	1.25	0.530	0.579	0.407	3.77	0.821	2.87	4
5	0.883	1.21	2.12	5.28	2.10	1.52	0.489	0.541	0.390	4.46	0.807	2.83	5
6	0.852	1.05	2.18	5.56	2.07	1.48	0.488	0.476	0.343	4.10	0.736	2.32	6
7	0.867	1.04	2.10	5.70	2.29	1.47	0.480	0.836	0.335	3.81	0.852	2.52	7
8	0.789	0.942	1.98	5.81	3.88	1.40	0.857	0.848	0.321	3.38	0.852	2.29	8
9	0.858	0.855	1.78	5.76	5.84	1.73	0.708	1.05	0.307	2.95	0.807	2.10 B	9
10	1.00	0.832	1.62	6.26	8.00	1.82	0.736	1.00	0.283	2.71	1.36	1.88	10
11	0.862	0.867	1.47	5.82	8.42	2.67	1.47	0.932	0.281	2.56	1.97	1.73	11
12	0.848	0.821	1.35	5.01	8.48	3.08	2.32	0.867	0.293	4.42	1.84	1.62	12
13	1.06	0.782	1.25	4.33	7.84	3.04	2.56	0.852	0.255	5.43	1.90	1.45	13
14	1.06	0.748	1.17	3.81	6.53	2.67	2.18	0.836	0.236	5.36	1.73	1.38	14
15	1.07	0.898	1.04	3.50	5.70	2.29	2.04	0.807	0.480	4.46	1.82	1.29	15
16	1.47	1.04	1.06	3.22	5.24	2.01	1.87	0.778	0.552	4.00	1.82	1.21	16
17	1.58	1.05	1.23	3.86	4.78	1.84	1.85	0.748	1.17	3.50	2.15	1.18	17
18	1.58	1.00	1.33	4.18	3.86	1.73	1.87	0.708	1.23	3.13	2.13	1.05	18
19	1.52	0.985	1.71	4.37	3.22	1.87	1.82	0.604	1.25	2.75	2.18	1.04	19
20	1.42	0.898	1.81	4.33	2.85	1.84	1.45	0.551	1.27	2.32	2.04	0.985	20
21	1.58	0.880	1.78	4.23	2.56	1.40	1.36	0.585	1.33	1.85	2.32	0.932	21
22	1.58	1.84	2.71	3.81	2.04	1.28	1.23	0.551	1.24	2.01	2.87	0.867	22
23	1.47	6.34	3.18	3.41	1.73	1.05	1.04	0.508	1.21	1.87	2.91	0.821	23
24	1.41	8.81	3.09	3.09	1.57	1.04	1.00	0.574	1.17	1.85	2.85	0.782E	24
25	1.27	8.80	3.00	2.75	1.47	0.915	0.883	0.551	0.882	1.49	2.87	0.7218	25
26	1.19	5.88	4.42	2.67	1.45	0.883	0.821	0.478	0.883	1.40	2.52	0.882	26
27	1.42	5.08	4.51	2.32	1.27	0.838	0.736	0.480	2.18	1.27	2.32	0.695	27
28	1.45	4.42	4.74	2.16	1.21	0.736	0.670	0.388	2.32	1.21	2.01	0.670	28
29	1.47		4.78	1.88	1.18	0.807	0.852	0.350	2.30	1.08	2.83	0.867	29
30	1.40		4.83	1.73	1.05	0.722	0.830E	0.328	2.25	1.07	3.08	0.820	30
31	1.38		4.81		0.985		0.775E	0.480		0.988		0.897	31
TOTAL	37.635	61.269	79.79	124.24	106.885	46.128	34.906	20.435	28.520	84.535	64.881	46.928	TOTAL
MEAN	1.21	2.19	2.57	4.14	3.44	1.54	1.13	0.659	0.884	2.73	1.82	1.48	MEAN
MAX	1.58	8.81	4.83	6.76	8.42	3.08	2.56	1.05	2.32	5.43	3.08	3.04	MAX
MIN	0.789	0.748	1.04	1.73	0.985	0.722	0.480	0.328	0.238	0.988	0.738	0.897	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 8.81 ON FEB 24
MINIMUM DAILY, 0.238 ON SEP 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 54 04 N
LONG 62 33 39 W
DRAINAGE AREA, 45.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 250	JUL	3 020
FEB	5 290	AUG	1 770
MAR	6 890	SEP	2 280
APR	10 700	OCT	7 300
MAY	9 220	NOV	4 720
JUN	3 880	DEC	3 970

TOTAL DISCHARGE, 62 400 dam³

MACASKILLS BROOK NEAR BIRCH GROVE - STATION NO. 01FJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2458	0.1558	0.3708	0.1508	0.777	0.048	0.089	0.018	0.018	0.194	0.121	0.082	1
2	0.2328	0.1558	0.3408	0.2908	0.778	0.080	0.077	0.018	0.026	0.144	0.128	0.675	2
3	0.2188	0.1488	0.3008	0.5758	1.47	0.088	0.018	0.018	0.046	0.148	0.172	0.535	3
4	0.2058	0.1408	0.2708	0.9008	1.46	0.081	0.073	0.015	0.030	0.747	1.19	0.932	4
5	0.1958	0.1328	0.2428	1.62 B	0.975	0.078	0.057	0.014	0.022	0.491	0.930	0.800	5
6	0.1818	0.1278	0.2288	2.50 B	0.718	0.080	0.046	0.015	0.018	0.267	0.838	0.593	6
7	0.1658	0.1208	0.2108	5.34 E	0.576	0.053	0.042	0.020	0.017	0.235	1.06	0.714	7
8	0.3208	0.1158	0.1958	4.69 E	0.851	0.056	0.039	0.166	0.014	0.440	0.928	0.988	8
9	0.7008	0.1118	0.1808	3.18	0.487	0.148	0.041	0.120	0.012	1.03	0.884	0.7108	9
10	1.40 B	0.1078	0.1708	2.38	0.418	0.118	0.038	0.057	0.013	2.11	1.43	0.5408	10
11	0.8208	0.1038	0.1588	1.84	0.388	0.485	0.215	0.038	0.016	1.29	1.38	0.4188	11
12	1.20 B	0.0988	0.1488	1.39	0.308	1.00	0.328	0.024	0.018	3.52	1.16	0.3608	12
13	2.40 B	0.0858	0.1378	1.16	0.264	0.638	0.170	0.021	0.017	2.80	1.08	0.2908	13
14	1.70 B	0.0928	0.1298	1.03	0.227	0.383	0.100	0.031	0.018	1.63	0.778	0.2928	14
15	1.30 B	0.0888	0.1188	0.923	0.213	0.264	0.228	0.026	0.308	0.991	0.710	0.2288	15
16	2.40 B	0.0848	0.1308	0.909	0.182	0.188	0.197	0.022	0.488	0.805	0.984	0.2058	16
17	1.20 B	0.0828	0.1508	2.18	0.160	0.202	0.121	0.021	0.218	0.487	1.24	0.1938	17
18	0.7758	0.0808	0.2208	2.85	0.138	0.154	0.141	0.018	0.186	0.373	1.21	0.1788	18
19	0.5808	0.0788	0.1908	2.38	0.124	0.138	0.121	0.015	0.114	0.287	1.33	0.1708	19
20	0.4808	0.0778	0.1708	3.28	0.106	0.098	0.089	0.013	0.087	0.228	1.33	0.1518	20
21	0.4208	0.0758	0.1568	2.38	0.094	0.082	0.087	0.038	0.075	0.185	1.23	0.1548	21
22	0.3808	0.3008	0.1478	1.70	0.088	0.068	0.052	0.040	0.058	0.832	1.28	0.1488	22
23	0.3178	1.80 B	0.1378	1.42	0.080	0.072	0.040	0.029	0.052	0.507	1.02	0.1448	23
24	0.2928	1.00 B	0.1318	1.18	0.072	0.071	0.034	0.028	0.050	0.348	0.898	0.1368	24
25	0.2808	0.7808	0.2008	1.08	0.063	0.088	0.030	0.027	0.042	0.278	0.879	0.1348	25
26	0.2408	0.5408	0.2428	1.04	0.082	0.238	0.027	0.022	0.051	0.214	0.544	0.1308	26
27	0.2208	0.5608	0.2188	1.00	0.088	0.503	0.038	0.018	1.43	0.176	0.481	0.1288	27
28	0.2108	0.4958	0.1928	0.965	0.082	0.373	0.033	0.014	0.826	0.184	0.461	0.1228	28
29	0.1958		0.1768	0.901	0.084	0.228	0.023	0.012	0.496	0.151	1.46	0.1188	29
30	0.1628		0.1648	0.837	0.088	0.148	0.021	0.012	0.289	0.132	1.28	0.1148	30
31	0.1788		0.1588		0.051		0.020	0.020		0.129		0.1108	31
TOTAL	18.732	7.829	5.877	51.870	11.058	5.366	2.691	0.844	5.038	20.820	27.778	11.388	TOTAL
MEAN	0.637	0.272	0.183	1.	0.357	0.212	0.087	0.030	0.168	0.672	0.926	0.386	MEAN
MAX	2.40	1.80	0.370	E	1.47	1.00	0.328	0.166	1.43	3.52	1.46	0.985	MAX
MIN	0.175	0.075	0.118	[illegible]	0.051	0.048	0.020	0.012	0.012	0.129	0.121	0.110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 5.34E ON APR 7
MINIMUM DAILY, 0.012 ON AUG 28
MAXIMUM INSTANTANEOUS,
5.87E AT 18:46 AST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 06 59 N
LONG 60 00 26 W
DRAINAGE AREA, 17.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 700	JUL	233
FEB	688	AUG	81.6
MAR	516	SEP	438
APR	4 490	OCT	1 800
MAY	955	NOV	2 400
JUN	949	DEC	981

TOTAL DISCHARGE, 14 800 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 3.72 IS DUE TO CURVE EXTENSION

MCINTOSH RUN AT HERRING COVE ROAD - STATION NO. 01EJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.558	0.815	1.44	1.80	0.487	0.320	0.234	0.123	0.007	0.415	0.381	1.18	1
2	0.513	0.805	1.36	1.88	0.448	0.307	0.219	0.108	0.021	0.373	0.388	1.21	2
3	0.483	0.583	1.27	1.50	0.511	0.888	0.217	0.088	0.012	0.872	0.383	1.35	3
4	0.447	0.587	1.18	1.85	0.487	0.870	0.180	0.081	0.008	0.834	0.430	1.38	4
5	0.403	0.838	1.04	1.84	0.483	0.773	0.158	0.084	0.007	0.830	0.390	1.30	5
6	0.371	0.488	1.07	1.83	0.488	0.734	0.138	0.103	0.008	0.775	0.382	1.28	6
7	0.385	0.481	0.837	1.67	0.641	0.882	0.127	0.113	0.006	0.726	0.406	1.27	7
8	0.418	0.433	0.808	1.73	1.00	0.886	0.380	0.088	0.007	0.670	0.377	1.18 B	8
9	0.500	0.408	0.716	1.88	1.43	1.65	0.307	0.088	0.017	0.800	0.887	1.09 B	9
10	0.432	0.383	0.615	1.89	1.55	1.61	0.382	0.088	0.084	0.525	1.04	1.02 B	10
11	0.413	0.371	0.554	1.83	1.48	1.82	0.728	0.077	0.088	0.830	1.11	0.930	11
12	0.407	0.338	0.500	1.48	1.43	1.66	0.718	0.089	0.078	1.48	1.17	0.881	12
13	0.638	0.308	0.446	1.43	1.36	1.57	0.883	0.084	0.071	1.37	1.08	0.788	13
14	0.554	0.437	0.402	1.38	1.42	1.48	0.580	0.075	0.088	1.33	1.05	0.701	14
15	0.887	0.588	0.534	1.29	1.35	1.41	0.524	0.088	0.234	1.21	0.975	0.606	15
16	0.737	0.613	0.726	1.32	1.30	1.40	0.452	0.086	0.131	1.08	0.880	0.535	16
17	0.717	0.581	0.801	1.55	1.23	1.35	0.458	0.088	0.218	1.01	1.07	0.500	17
18	0.662	0.554	0.858	1.47	1.12	1.28	0.475	0.080	0.311	1.00	1.04	0.448	18
19	0.608	0.514	1.14	1.45	1.01	1.19	0.428	0.089	0.315	0.911	1.08	0.387	19
20	0.570	0.474	1.07	1.40	0.881	1.08	0.388	0.084	0.307	0.833	1.04	0.352	20
21	0.842	0.683	1.30	1.31	0.758	0.987	0.350	0.040	0.318	0.872	1.27	0.321	21
22	0.841	1.88	1.35	1.27	0.841	0.784	0.323	0.013	0.264	0.884	1.21	0.292	22
23	0.802	2.00	1.29	1.23	0.559	0.642	0.288	0.013	0.248	0.848	1.12	0.265	23
24	0.728	1.79	1.25	1.16	0.484	0.546	0.271	0.018	0.257	0.777	1.07	0.240	24
25	0.644	1.72	1.50	1.08	0.477	0.510	0.241	0.008	0.218	0.703	0.986	0.231	25
26	0.812	1.83	1.48	0.987	0.452	0.500	0.211	0.007	0.395	0.840	0.840	0.203	26
27	0.782	1.88	1.48	0.833	0.418	0.415	0.181	0.007	0.578	0.572	0.908	0.181	27
28	0.680	1.82	1.45	0.723	0.424	0.332	0.218	0.004	0.552	0.487	1.18	0.181	28
29	0.633		1.48	0.618	0.370	0.303	0.188	0.002	0.541	0.420	1.39	0.173	29
30	0.614		1.43	0.508	0.381	0.287	0.182	0.018	0.487	0.389	1.24	0.170	30
31	0.671		1.50		0.337		0.138	0.012		0.356		0.162	31
TOTAL	18.422	22.780	33.048	40.248	25.336	27.877	10.388	1.784	5.830	24.480	25.713	20.778	TOTAL
MEAN	0.594	0.813	1.07	1.34	0.817	0.929	0.334	0.058	0.188	0.789	0.880	0.670	MEAN
MAX	0.842	2.00	1.50	1.73	1.55	1.82	0.728	0.123	0.578	1.48	1.39	1.38	MAX
MIN	0.345	0.308	0.402	0.508	0.337	0.287	0.127	0.002	0.008	0.356	0.388	0.162	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.708
MAXIMUM DAILY, 2.00 ON FEB 23
MINIMUM DAILY, 0.002 ON AUG 29
MAXIMUM INSTANTANEOUS,
2.25 AT 20:21 AST ON FEB 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 36 31 N
LONG 63 37 01 W
DRAINAGE AREA, 15.1 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 550	JUL	896
FEB	1 870	AUG	155
MAR	2 550	SEP	512
APR	3 480	OCT	2 110
MAY	2 190	NOV	2 310
JUN	2 410	DEC	1 800

TOTAL DISCHARGE, 22 300 dam³

NOVA SCOTIA

MEDWAY RIVER AT CHARLESTON - STATION NO. 01EE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.6	33.5	79.4	96.2	40.1	27.3	18.2	7.52	1.68	2.48	13.4	58.2	1
2	33.68	34.48	78.5	108	38.6	26.2	17.2	7.13	1.63	2.39	14.3	55.2	2
3	30.48	34.08	70.8	107	34.5	27.8	16.7	6.83	1.64	2.78	14.8	55.5	3
4	28.68	33.68	66.3	109	32.5	27.8	15.8	6.46	1.49	3.85	17.1	70.3	4
5	28.08	33.38	61.8	114	30.7	28.4	15.3	6.11	1.51	4.29	16.3	66.2	5
6	25.38	32.48	57.18	120	28.7	27.6	15.0	5.83	1.51	4.24	17.8	65.1	6
7	24.58	29.58	62.88	121	34.3	26.7	14.5	5.80	1.67	4.22	17.5	64.1	7
8	23.28	26.78	66.68	122	43.8	27.6	15.8	5.84	1.58	4.44	17.6	68.08	8
9	23.08	24.58	68.48	125	47.9	30.8	16.4	5.48	1.61	4.65	18.1	65.08	9
10	22.58	23.28	63.88	122	48.7	32.4	15.8	5.38	1.64	4.87	28.8	62.08	10
11	22.08	21.78	61.18	119	50.0	36.3	18.5	5.18	1.58	5.03	32.8	49.58	11
12	22.08	20.48	58.38	114	50.3	36.7	18.8	4.98	1.57	6.78	32.8	48.38	12
13	24.08	19.68	57.98	107	54.3	38.1	15.9	4.67	1.55	7.77	34.8	44.18	13
14	27.08	20.38	57.1	98.0	55.8	33.2	15.1	4.44	1.72	7.83	35.0	41.88	14
15	28.08	23.48	56.7	92.4	59.6	30.8	14.5	4.35	1.84	7.82	38.8	39.88	15
16	27.4	26.88	61.5	87.2	66.5	30.7	14.0	4.30	1.47	7.83	43.6	38.18	16
17	26.5	26.28	63.6	83.2	63.1	33.0	13.4	4.31	1.58	7.83	62.4	36.78	17
18	25.3	27.18	64.6	86.8	58.7	33.5	14.2	4.26	1.86	10.5	58.4	35.18	18
19	24.7	26.48	64.88	82.5	56.4	32.9	13.8	3.88	1.79	12.1	60.1	34.08	19
20	24.3	25.98	67.18	77.8	53.4	31.2	13.0	3.62	1.78	11.8	60.7	33.88	20
21	23.28	25.68	69.28	72.1	50.3	28.3	12.7	3.48	1.73	12.1	68.1	31.88	21
22	21.88	24.88	70.08	67.6	47.0	27.7	12.0	3.38	1.77	13.8	78.4	30.88	22
23	23.78	49.58	67.58	63.6	44.2	25.7	11.4	3.28	1.81	13.8	73.7	28.58	23
24	21.58	61.68	66.08	60.3	41.4	24.0	10.7	3.15	1.77	13.6	71.7	26.38	24
25	29.48	73.08	70.58	56.9	38.8	23.2	9.85	3.00	1.84	13.4	68.2	27.88	25
26	28.78	76.7	82.3	53.6	35.8	23.2	9.48	2.85	2.08	13.4	65.2	28.58	26
27	33.48	80.6	80.0	50.5	33.8	22.1	9.01	2.37	2.38	13.3	64.0	25.58	27
28	32.6	81.3	78.2	47.6	33.0	20.6	8.62	3.13	2.80	13.2	65.2	24.08	28
29	32.2		80.3	45.3	31.3	20.0	8.19	1.93	2.52	13.2	72.6	24.28	29
30	32.0		81.6	42.9	28.2	19.3	8.73	1.82	2.40	13.1	72.2	23.58	30
31	32.9		86.8		26.1		8.08	1.80		13.1		23.08	31
TOTAL	927.9	1 032.7	1 859.0	2 863.9	1 381.3	886.3	417.57	134.91	53.22	286.15	1 324.3	1 324.5	TOTAL
MEAN	29.9	36.9	60.0	88.6	44.6	29.5	13.5	4.35	1.77	8.85	44.1	42.7	MEAN
MAX	37.5	81.3	86.8	125	66.6	38.7	18.2	7.52	2.80	13.6	75.8	70.2	MAX
MIN	22.0	19.6	56.7	42.9	26.1	19.3	8.08	1.80	1.47	2.39	13.4	23.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.5
MAXIMUM DAILY, 125 ON APR 9
MINIMUM DAILY, 1.47 ON SEP 18
MAXIMUM INSTANTANEOUS,
125 AT 05:44 AST ON APR 9

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 10 24 N
LONG 64 39 35 W
DRAINAGE AREA, 1 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	80 200	JUL	36 100
FEB	89 200	AUG	11 700
MAR	161 000	SEP	4 800
APR	230 000	OCT	23 200
MAY	119 000	NOV	114 000
JUN	74 000	DEC	114 000

TOTAL DISCHARGE, 1 080 000 dam³

MERSEY RIVER BELOW GEORGE LAKE - STATION NO. 01ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.8	19.7	45.2	46.3	23.2	13.8	11.5	4.04	0.970	2.28	7.80	36.8	1
2	18.8	19.8	43.7	51.4	21.8	13.1	11	3.78	0.852	2.33	8.02	33.6	2
3	18.5	19.3	41.7	52.8	20.8	14.2	9	3.58	1.00	2.82	7.91	32.6	3
4	18.4	19.4	39.8	54.5	20.4	14.4	10.5	3.38	0.917	3.42	7.88	33.3	4
5	18.2	18.7	38.6	56.2	19.4	16.2	10.1	3.15	0.813	3.58	8.16	32.6	5
6	17.8	18.3	38.1	58.8	17.8	14.9	9.72	3.11	0.782	3.83	8.07	31.8	6
7	18.8	17.6	33.3	61.7	18.1	14.7	9.67	3.18	0.772	4.08	8.82	31.7	7
8	18.8	18.7	31.3	65.6	19.1	14.8	9.40	3.22	0.782	4.34	8.69	31.3	8
9	18.5	18.2	29.2	68.2	19.7	15.2	9.29	3.23	0.762	4.59	8.15	30.5	9
10	18.3	18.6	27.2	68.8	19.8	15.3	8.72	3.11	0.722	4.70	11.3	28.4	10
11	18.1	18.3	25.8	68.4	20.0	16.3	8.24	3.07	0.720	4.81	13.2	28.2	11
12	18.8	18.8	24.0	68.1	20.1	17.1	8.05	2.80	0.743	5.38	16.0	27.0	12
13	18.8	18.1	22.6	62.4	20.8	16.8	8.83	2.77	0.676	5.43	18.1	26.7	13
14	18.0	13.8	21.3	56.0	22.0	16.8	8.27	2.77	0.584	5.61	21.1	24.4	14
15	16.6	14.3	20.2	58.1	23.0	16.2	8.09	2.70	0.854	5.53	23.3	23.2	15
16	18.1	14.5	18.8	61.5	23.2	16.0	7.74	2.52	0.800	5.61	28.8	22.1	16
17	19.1	14.8	20.3	49.6	23.2	16.1	7.60	2.27	1.03	5.78	28.4	21.0	17
18	19.9	15.0	21.0	46.6	22.7	16.2	7.36	2.12	1.17	5.11	23.3	20.0	18
19	20.2	14.9	23.4	44.7	21.9	16.3	7.15	1.95	1.18	5.35	25.0	19.0	19
20	20.3	14.4	24.8	42.9	21.3	16.4	6.83	1.80	1.23	6.34	25.7	18.1	20
21	21.4	14.4	26.8	41.0	20.2	15.9	6.64	1.75	1.51	6.68	26.8	17.4	21
22	21.2	17.7	28.3	38.3	18.5	15.4	6.48	1.78	1.57	7.27	40.0	16.6	22
23	21.1	24.3	31.0	37.0	16.8	14.5	6.30	1.85	1.82	7.71	38.8	15.7	23
24	20.8	32.3	31.7	35.1	17.4	13.9	6.78	1.71	1.85	7.82	38.8	14.9	24
25	20.6	36.3	32.2	33.3	16.6	13.3	6.55	1.58	1.73	7.86	36.7	14.1	25
26	20.0	43.5	33.3	31.4	16.1	12.6	6.44	1.32	1.78	7.88	37.8	13.3	26
27	20.5	45.5	34.5	29.8	15.8	12.0	6.18	1.30	2.24	8.04	37.3	12.8	27
28	20.7	46.0	35.6	27.6	15.8	11.4	6.06	1.08	2.08	8.01	35.6	12.5	28
29	20.6		38.2	26.0	15.0	11.7	6.83	1.03	2.11	7.98	35.3	12.1	29
30	20.4		41.8	24.5	14.4	11.8	6.50	0.887	2.31	7.87	36.3	11.7	30
31	20.1		45.7		14.1		6.16	1.08		7.73		11.1	31
TOTAL	581.6	548.8	986.0	1 457.0	602.1	442.3	240.81	73.807	38.310	177.81	716.70	703.4	TOTAL
MEAN	18.8	21.0	31.1	48.8	19.4	14.7	7.76	2.38	1.31	5.74	23.9	22.7	MEAN
MAX	21.4	46.0	45.7	68.8	23.2	17.1	11.5	4.04	2.31	8.04	46.0	36.8	MAX
MIN	16.6	13.8	18.8	24.5	14.1	11.4	6.16	0.887	0.854	2.28	7.80	11.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.0
MAXIMUM DAILY, 68.8 ON APR 10
MINIMUM DAILY, 0.854 ON SEP 14
MAXIMUM INSTANTANEOUS,
68.8 AT 12:20 AST ON APR 10

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 00 N
LONG 65 12 18 W
DRAINAGE AREA, 723 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	50 300	JUL	20 806
FEB	50 900	AUG	8 380
MAR	83 400	SEP	3 140
APR	126 000	OCT	15 400
MAY	52 000	NOV	61 800
JUN	38 200	DEC	60 800

TOTAL DISCHARGE, 569 000 dam³

MERSEY RIVER BELOW MILL FALLS - STATION NO. 01ED007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.130	5.330	10.0 B	36.6	7.30	4.01	3.89	1.19	0.301	2.22	3.53	12.6	1
2	7.700	5.060	9.300	37.3	7.02	3.75	3.47	1.10	0.319	2.24	3.88	12.0 B	2
3	7.040	4.650	8.300	36.8	6.73	4.46	3.31	1.02	0.347	3.03	3.75	11.2 B	3
4	6.400	4.800	7.700	36.6	6.80	4.80	3.23	0.883	0.355	4.14	3.80	10.8 B	4
5	5.830	4.420	7.300	37.3	6.38	4.32	3.07	0.811	0.340	4.08	3.80	10.4 B	5
6	5.480	4.200	6.850	38.7	5.99	4.05	2.98	0.804	0.323	3.80	3.80	9.900	6
7	5.130	4.035	6.200	31.8	5.80	3.89	2.98	0.694	0.288	3.68	3.85	9.205	7
8	4.800	3.850	5.900	24.4	7.89	3.94	2.82	0.518	0.273	3.81	3.85	8.805	8
9	4.650	3.720	5.400	20.2	8.05	4.84	2.74	0.478	0.261	3.85	4.80	8.105	9
10	4.340	3.870	5.100	33.8	7.80	4.70	2.84	0.838	0.228	3.44	7.28	7.805	10
11	4.190	3.660	4.820	36.7	7.33	4.77	3.04	0.780	0.207	3.48	8.81	7.405	11
12	4.080	3.335	4.530	38.8	7.48	4.87	2.98	0.720	0.181	3.76	9.88	7.105	12
13	4.000	3.200	4.350	33.8	7.78	4.73	2.88	0.887	0.177	3.72	11.8	6.905	13
14	3.930	3.100	4.150	19.7	8.24	4.30	2.35	0.709	0.160	3.64	12.8	6.805	14
15	3.810	3.400	4.030	17.7	8.03	4.07	2.31	0.718	0.332	3.38	13.8	6.405	15
16	4.190	3.780	8.88	15.8	8.90	4.17	2.18	0.883	0.448	3.20	17.8	6.205	16
17	4.320	4.180	7.31	16.8	8.36	4.41	2.15	0.851	0.413	3.15	19.4	5.858	17
18	7.400	3.880	7.32	14.8	8.01	4.82	2.38	0.810	1.39	3.58	19.8	5.708	18
19	7.080	3.870	8.38	13.4	7.82	4.82	2.27	0.888	1.87	3.85	20.0	5.808	19
20	6.880	3.440	8.83	13.4	8.78	4.28	2.19	0.885	1.36	3.81	19.8	5.308	20
21	6.320	3.220	10.4	12.8	8.43	4.00	2.03	0.882	1.33	3.80	19.1	5.108	21
22	6.900	6.808	12.7	12.2	8.80	3.88	1.86	0.860	1.22	3.78	20.1	4.858	22
23	6.808	12.0 B	12.8	11.4	8.87	3.68	1.81	0.847	1.13	3.80	18.7	4.808	23
24	6.320	16.8 B	11.8	10.8	8.11	3.24	1.72	0.817	1.08	3.71	17.4	4.858	24
25	6.078	17.8 B	12.3	10.5	8.08	3.08	1.70	0.488	1.03	3.81	16.1	4.808	25
26	4.828	18.4 B	14.1	9.91	4.92	2.93	1.84	0.423	1.18	3.84	14.8	4.358	26
27	5.358	13.8 B	14.2	9.38	5.30	2.71	1.67	0.388	1.78	3.53	13.8	4.208	27
28	5.708	12.6 B	15.4	8.78	5.11	3.08	1.43	0.358	2.17	3.51	13.1	4.058	28
29	6.328		16.4	8.04	4.88	4.22	1.37	0.326	2.23	3.48	14.8	3.808	29
30	6.878		21.1	7.47	4.35	4.12	1.26	0.328	2.22	3.47	14.0	3.808	30
31	6.828		24.1		4.30		1.26	0.327		3.40		3.708	31
TOTAL	170.53	180.26	301.44	589.80	207.56	121.33	72.92	21.112	24.892	108.04	357.48	211.85	TOTAL
MEAN	5.50	6.44	9.72	19.7	6.70	4.04	2.35	0.681	0.833	3.48	11.9	6.83	MEAN
MAX	8.12	18.8	24.1	38.2	8.82	4.87	3.88	1.19	2.23	4.14	20.1	12.8	MAX
MIN	3.81	3.10	4.03	7.47	4.30	2.71	1.26	0.327	0.180	2.22	3.53	3.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.48
MAXIMUM DAILY, 38.2 ON APR 9
MINIMUM DAILY, 0.180 ON SEP 14
MAXIMUM INSTANTANEOUS,
38.6 AT 07:30 AST ON APR 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 35 14 N
LONG 65 13 24 W
DRAINAGE AREA, 295 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 700	JUL	6 300
FEB	15 600	AUG	1 820
MAR	28 000	SEP	2 150
APR	50 800	OCT	9 330
MAY	17 800	NOV	30 800
JUN	10 500	DEC	18 300

TOTAL DISCHARGE, 204 000 dam³

MEYERHAN RIVER NEAR MEYERHAN RIVER - STATION NO. 01DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.68	3.908	11.4	12.3	3.03	2.34	2.03	0.840	0.597	2.78	3.38	10.8	1
2	5.38	3.708	9.89	12.4	2.70	2.22	1.88	0.844	0.580	2.71	2.82	10.0	2
3	5.13	3.808	8.66	12.4	2.72	2.87	1.81	0.821	0.587	2.84	2.54	9.24	3
4	4.828	3.408	7.65	12.4	2.87	3.09	1.83	0.833	0.548	3.01	2.57	8.88	4
5	4.868	3.308	8.38	12.0	2.48	3.11	1.80	0.844	0.818	2.88	2.80	8.83	5
6	4.378	3.108	8.84	12.8	2.38	2.99	1.38	0.848	0.481	2.78	2.83	7.87	6
7	4.088	3.088	8.08	13.8	3.18	3.01	1.38	0.848	0.488	2.87	2.88	7.87	7
8	4.00	3.008	8.48	14.3	3.87	3.84	1.36	0.718	0.470	2.58	2.88	8.88	8
9	4.12	2.908	4.84	14.1	3.88	3.20	1.28	0.672	0.411	2.84	2.87	8.84	9
10	4.13	2.868	4.82	13.1	3.83	3.24	1.13	1.19	0.405	2.38	8.18	8.38	10
11	4.11	2.788	4.33	11.7	3.71	3.10	1.18	0.358	0.381	2.32	7.78	8.73	11
12	4.22	2.69	4.18	10.7	3.78	2.82	1.03	0.288	0.387	2.48	8.82	8.20	12
13	4.80	2.87	3.82	9.87	3.63	2.82	0.982	0.667	0.387	1.80	8.83	4.72	13
14	4.88	2.88	3.88	9.04	8.78	2.78	0.912	0.847	0.371	1.88	8.28	4.48	14
15	8.88	3.74	3.88	8.13	8.30	2.87	0.912	0.748	0.763	1.87	8.28	4.22	15
16	8.71	4.12	4.73	7.87	8.08	2.78	0.842	0.688	0.631	1.88	8.75	3.88	16
17	8.87	4.80	5.28	7.48	4.78	2.78	0.928	0.708	0.644	1.83	12.8	3.88	17
18	8.87	4.88	5.78	6.88	4.38	3.13	0.888	0.688	0.880	2.42	13.8	3.40	18
19	8.87	4.27	7.18	6.37	3.84	3.48	0.927	0.858	0.784	2.44	15.2	3.23	19
20	8.28	4.07	7.11	6.81	3.87	3.38	0.878	0.888	0.888	2.52	14.7	3.088	20
21	5.888	4.32	8.33	8.31	3.33	3.24	0.887	0.738	0.884	2.74	15.1	2.908	21
22	5.878	3.83	8.80	8.32	3.87	3.00	0.888	0.718	0.880	2.80	15.1	2.708	22
23	8.288	18.8	8.74	8.18	2.80	2.88	0.880	0.708	1.05	2.78	14.4	2.888	23
24	8.088	18.1	8.48	8.88	2.28	2.81	0.807	0.700	1.36	2.71	13.4	2.428	24
25	4.838	18.1	10.1	4.81	3.31	2.58	0.781	0.841	1.57	2.88	12.1	2.288	25
26	4.84	18.8	11.3	4.24	1.83	3.44	0.723	0.883	1.84	2.84	10.8	2.188	26
27	5.04	14.8	11.3	3.91	2.70	3.37	0.780	0.871	2.88	2.80	10.1	2.10	27
28	4.408	13.7	11.3	3.86	2.74	2.48	0.780	0.874	2.84	2.84	10.2	1.888	28
29	4.208		10.8	3.31	2.87	2.88	0.711	0.878	2.70	2.48	11.8	1.888	29
30	4.108		10.4	3.13	2.48	2.48	0.878	0.888	2.71	2.43	11.3	1.818	30
31	3.888		11.8		2.83		0.887	0.888		2.37		1.788	31
TOTAL	188.32	178.17	238.23	288.83	102.32	88.88	33.484	20.048	29.781	77.78	281.28	182.01	TOTAL
MEAN	8.04	8.40	7.88	8.88	3.30	2.88	1.08	0.847	0.883	2.81	8.71	4.80	MEAN
MAX	8.87	18.1	11.8	14.3	8.78	3.48	2.03	1.19	2.71	3.01	15.2	10.8	MAX
MIN	3.88	3.87	3.88	3.13	1.83	2.22	0.887	0.288	0.387	1.80	2.38	1.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.38
MAXIMUM DAILY, 18.1 ON FEB 24
MINIMUM DAILY, 0.288 ON AUG 12
MAXIMUM INSTANTANEOUS,
18.4 AT 15:20 AST ON FEB 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 12 58 N
LONG 66 07 02 W
DRAINAGE AREA, 187 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 500	JUL	2 880
FEB	15 500	AUG	1 730
MAR	20 300	SEP	3 570
APR	22 200	OCT	8 720
MAY	8 630	NOV	22 800
JUN	7 400	DEC	13 100

TOTAL DISCHARGE, 137 000 dam³

NOVA SCOTIA

MIDDLE RIVER OF PICTOU AT ROCKLIN - STATION NO. 01DP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4558	0.7008	2.05 B	8.71	2.30	0.824	0.364	0.116	0.184	0.812	1.17	3.26	1
2	0.4208	0.6308	1.80 B	6.53	2.44	0.586	0.313	0.088	0.434	0.427	1.33	2.73	2
3	0.3858	0.5608	1.80 B	4.70	5.28	0.898	0.408	0.078	0.838	2.74	1.10	2.80 B	3
4	0.3578	0.5208	1.45 B	7.54	5.14	0.787	0.300	0.072	0.288	4.47	3.02	2.30 B	4
5	0.3288	0.4808	1.90 B	13.5	3.56	0.824	0.264	0.068	0.188	1.92	1.68	2.08 B	5
6	0.3028	0.4458	2.20 B	16.3	2.93	0.632	0.236	0.072	0.128	1.38	1.62	1.87 B	6
7	0.2888	0.4208	1.70 B	24.5	4.84	0.743	0.228	0.078	0.108	1.31	4.37	1.88 B	7
8	0.3208	0.3858	1.45 B	16.0	7.88	1.59	0.213	0.078	0.088	1.84	2.85	1.52 B	8
9	0.8368	0.3758	1.20 B	11.2	21.1	8.88	0.214	0.073	0.083	1.78	2.88	1.40 B	9
10	0.5808	0.3558	1.04 B	8.37	18.8	2.70	0.174	0.067	0.078	1.98	8.43	1.28 B	10
11	0.4808	0.3388	0.8208	5.23	9.08	2.43	1.17	0.084	0.074	2.31	3.83	1.18 B	11
12	0.4208	0.3208	0.8508	4.23	6.35	1.80	0.434	0.048	0.062	23.4	4.89	1.08 B	12
13	0.8508	0.3058	1.01 A	3.85	4.88	1.44	0.884	0.048	0.078	7.00	3.88	1.00 B	13
14	0.5808	0.4618	0.8318	3.32	4.28	1.11	0.388	0.083	0.072	4.32	3.18	0.9208	14
15	1.00 B	1.50 B	1.80 B	3.16	3.84	0.882	0.297	0.148	2.48	2.81	4.10	0.8508	15
16	1.85 B	0.8808	5.50 B	3.10	3.00	1.09	0.236	0.127	1.88	2.19	7.84	0.7608	16
17	1.42 B	0.8308	3.80 B	5.84	2.50	1.33	0.238	0.108	0.838	2.14	11.8	0.7408	17
18	1.28 B	0.7008	2.80 B	5.02	2.15	1.08	0.408	0.091	0.700	1.88	7.73	0.8908	18
19	1.10 B	0.5808	1.75 B	5.70	1.78	0.840	0.303	0.073	0.487	1.84	8.85	0.8508	19
20	1.00 B	0.4708	1.18 B	7.01	1.58	0.783	0.237	0.083	0.388	1.38	4.80	0.8008	20
21	0.9008	2.50 B	1.90 B	4.78	1.42	0.701	0.218	0.548	0.472	2.04	5.80	0.5808	21
22	0.8208	12.7 B	2.80 B	3.80	1.33	0.838	0.178	0.354	0.353	3.05	5.87	0.5258	22
23	0.7808	5.90 B	1.75 B	3.55	1.23	0.588	0.147	0.351	0.274	2.05	3.78	0.5008	23
24	0.7208	4.58	1.25 B	3.23	1.09	0.487	0.128	0.267	0.260	1.55	3.38	0.4758	24
25	0.6708	3.83	4.00 B	2.98	1.11	0.481	0.237	0.211	0.241	1.55	2.91	0.4508	25
26	0.6208	3.10 B	15.8 B	2.70	1.10	0.482	0.583	0.151	0.705	1.38	2.70	0.5908	26
27	0.7408	2.77	10.5 B	2.48	0.898	0.484	0.181	0.131	4.58	1.22	2.48	0.5308	27
28	1.20 B	2.25 B	5.50 B	2.48	0.957	0.457	0.182	0.108	1.58	1.11	2.80	0.4708	28
29	0.9308		3.70 B	2.30	1.04	0.851	0.282	0.088	0.848	1.07	8.42	0.4308	29
30	0.7008		7.47	2.25	0.843	0.478	0.174	0.082	0.878	0.858	3.72	0.4308	30
31	0.5408		6.85 B		0.898		0.137	0.184		0.834		0.3808	31
TOTAL	22.740	48.001	107.751	188.89	128.462	34.856	9.885	4.110	19.184	84.282	124.43	34.480	TOTAL
MEAN	0.734	1.78	3.48	6.33	4.14	1.16	0.319	0.133	0.640	2.72	4.15	1.11	MEAN
MAX	1.85	12.7	15.8	24.5	21.1	8.88	1.17	0.548	4.58	23.4	11.8	3.26	MAX
MIN	0.288	0.305	0.831	2.25	0.898	0.457	0.128	0.048	0.072	0.427	1.10	0.380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.22
MAXIMUM DAILY, 24.5 ON APR 7
MINIMUM DAILY, 0.048 ON AUG 12
MAXIMUM INSTANTANEOUS,
32.2 AT 08:14 AST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 29 50 N
LONG 62 45 51 W
DRAINAGE AREA, 82.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 980	JUL	854
FEB	4 230	AUG	355
MAR	9 310	SEP	1 660
APR	16 400	OCT	7 280
MAY	11 100	NOV	10 760
JUN	3 010	DEC	2 980

TOTAL DISCHARGE, 89 800 dam³

REMARKS - PUBLISHED UNDER THE NAME "MIDDLE RIVER AT ROCKLIN" TO 1985.

MOOSE PIT BROOK AT TUPPER LAKE - STATION NO. 01EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.412	0.2858	0.4338	1.30	0.262	0.255	0.467	0.014	0.004	0.122	0.181	0.758	1
2	0.380	0.2368	0.3728	1.50	0.278	0.226	0.372	0.012	0.005	0.105	0.224	0.618	2
3	0.2528	0.2178	0.3298	1.38	0.281	0.557	0.311	0.011	0.006	0.226	0.221	0.588	3
4	0.2108	0.1888	0.2898	1.36	0.267	0.608	0.263	0.010	0.005	0.445	0.278	0.712	4
5	0.1878	0.1628	0.2778	1.89	0.258	0.595	0.221	0.009	0.005	0.388	0.288	0.626	5
6	0.1798	0.1858	0.4128	1.78	0.252	0.486	0.178	0.008A	0.004	0.308	0.288	0.532	6
7	0.1748	0.1838	0.4628	1.83	0.804	0.407	0.184	0.010E	0.004	0.288	0.284	0.578	7
8	0.1718	0.1428	0.2808	1.71	1.48	0.445	0.181	0.020E	0.004	0.234	0.233	0.577	8
9	0.1808	0.1338	0.2278	1.41	1.33	0.781	0.142	0.030E	0.004	0.198	0.331	0.481	9
10	0.1738	0.1278	0.2078	1.08	1.07	0.805	0.100	0.040E	0.003	0.188	0.858	0.418	10
11	0.1698	0.1198	0.1858	0.912	0.843	0.808	0.201	0.038A	0.003	0.171	1.04	0.364	11
12	0.1678	0.1178	0.1808	0.757	0.883	0.673	0.188	0.034	0.002	0.270	0.901	0.315	12
13	0.2208	0.1148	0.1728	0.631	0.857	0.528	0.153	0.028	0.001	0.288	0.788	0.278	13
14	0.388	0.1118	0.1678	0.883	0.880	0.424	0.124	0.022	0.001	0.237	0.833	0.248	14
15	0.423	0.1898	0.2908	0.808	1.04	0.347	0.111	0.018	0.028	0.208	0.888	0.235	15
16	0.888	0.1678	0.3008	0.488	0.878	0.347	0.088	0.018	0.103	0.184	1.10	0.221	16
17	0.557	0.1808	0.3178	0.718	0.873	0.418	0.100	0.016	0.144	0.174	1.22	0.208	17
18	0.451	0.1348	0.4008	0.758	0.531	0.428	0.177	0.011	0.208	0.288	1.18	0.188	18
19	0.381	0.1238	0.4858	0.898	0.424	0.478	0.184	0.009	0.172	0.324	1.08	0.180	19
20	0.329	0.1188	0.8068	0.843	0.381	0.407	0.138	0.008	0.144	0.285	0.911	0.162	20
21	0.2778	0.1388	0.7888	0.578	0.304	0.318	0.118	0.007	0.180	0.315	0.940	0.173	21
22	0.2568	0.4008	0.6388	0.807	0.267	0.254	0.104	0.007	0.178	0.388	1.05	0.183	22
23	0.2378	0.7058	0.7038	0.484	0.228	0.213	0.078	0.007	0.188	0.337	0.907	0.184	23
24	0.2238	1.04 B	0.6758	0.428	0.203	0.183	0.084	0.008	0.133	0.281	0.741	0.148	24
25	0.2148	0.8088	0.8608	0.397	0.280	0.158	0.068	0.008	0.088	0.254	0.588	0.138	25
26	0.2068	0.7188	0.7808	0.371	0.291	0.143	0.037	0.008	0.103	0.224	0.521	0.131	26
27	0.5178	0.6408	0.8408	0.368	0.393	0.131	0.028	0.005	0.216	0.202	0.457	0.128	27
28	0.611	0.5588	1.18	0.331	0.433	0.213	0.024	0.004	0.205	0.181	0.488	0.125	28
29	0.444		1.57	0.301	0.356	0.853	0.028	0.004	0.178	0.163	0.877	0.119	29
30	0.368		1.44	0.288	0.292	0.804	0.024	0.004	0.147	0.148	0.810	0.112	30
31	0.331		1.11		0.278		0.018	0.004		0.135		0.108	31
TOTAL	8.701	8.273	17.078	25.838	16.818	12.911	4.435	0.423	2.435	7.488	20.083	8.812	TOTAL
MEAN	0.313	0.295	0.551	0.861	0.542	0.430	0.143	0.014	0.081	0.242	0.669	0.317	MEAN
MAX	0.888	1.04	1.57	1.93	1.48	0.808	0.467	0.040	0.216	0.445	1.22	0.758	MAX
MIN	0.167	0.111	0.167	0.288	0.203	0.131	0.018	0.004	0.001	0.105	0.181	0.108	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.371
MAXIMUM DAILY, 1.93 ON APR 7
MINIMUM DAILY, 0.001 ON SEP 13
MAXIMUM INSTANTANEOUS,
1.97 AT 14:59 AST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 43 N
LONG 65 02 55 W
DRAINAGE AREA, 17.7 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	838	JUL	383
FEB	715	AUG	38.5
MAR	1 480	SEP	210
APR	2 230	OCT	648
MAY	1 450	NOV	1 730
JUN	1 120	DEC	948

TOTAL DISCHARGE, 11 700 dam³

MUSQUODOBOIT RIVER AT CRAWFORD FALLS - STATION NO. 01EK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.87	11.3	22.7	36.8	14.7	5.33	2.71	1.85	0.785	10.2	7.74	27.8 B	1
2	8.02	13.4	19.0 B	41.8	14.5	4.93	2.43	1.64	0.839	8.37	9.87	19.3 B	2
3	7.47	11.8	15.8 B	40.0	23.9	9.85	2.28	1.48	1.01	8.58	10.4	15.4	3
4	8.83	8.81	13.1 B	35.5	43.4	15.4	2.18	1.34	1.00	26.5	12.8	22.8	4
5	8.10	7.00	12.4 B	31.2	38.0	18.1	2.10	1.26	1.02	29.1	18.4	25.0	5
6	5.88	5.81	12.4	28.9	24.4	15.3	1.97	1.17	0.884	21.2	13.5	20.8	6
7	4.97	5.34	16.4	26.8	27.9	12.8	1.77	1.16	0.808	17.3	13.3	20.4	7
8	4.81	5.09	15.9	83.2	56.2	13.0	1.68	1.17	0.823	17.2	16.0	19.7 B	8
9	8.26	4.83	12.8	85.3	91.2	24.7	2.40	1.13	0.782	16.2	13.8	16.2 B	9
10	11.6	4.38	10.7	83.8	118	36.1	3.01	1.12	0.882	17.5	20.4	13.3 B	10
11	8.43	4.08	8.48	76.4	130	26.7	8.10	1.03	0.838	17.1	27.8	12.0 B	11
12	8.28	3.88	8.44	64.8	128	24.7	18.3	0.980	0.881	43.8	24.0	10.8 B	12
13	7.37	3.84	7.76	36.8	107	21.8	14.8	0.887	0.458	88.0	23.7	9.808	13
14	6.85	3.88	8.83	28.8	78.7	17.8	10.8	0.831	0.389	71.2	21.8	8.878	14
15	6.82	3.88	7.43	24.9	48.1	14.2	8.47	0.778	0.837	60.7	24.8	8.33	15
16	12.2	8.80	21.8	23.3	35.8	11.8	6.93	0.734	4.00	30.8	30.4	7.70	16
17	12.8	8.85	33.7	28.1	27.8	11.0	5.82	0.888	8.88	22.8	40.8	7.28	17
18	8.83	7.28	34.7	37.1	22.4	10.5	5.57	0.885	8.85	21.2	45.8	6.88	18
19	8.49	5.88	28.8	34.2	18.8	10.2	5.34	0.868	8.89	20.8	43.6	6.51	19
20	7.38	5.00	23.8	36.8	16.3	9.47	4.74	0.861	5.28	18.2	40.1	8.02	20
21	8.70	4.75	20.3	37.2	14.2	7.81	4.15	0.821	4.45	18.4	36.2	8.80	21
22	9.34	25.7	21.1	30.6	12.4	8.88	3.73	0.784	4.09	20.8	43.4	8.03	22
23	8.18	55.7	40.4	26.3	10.8	8.75	3.23	0.898	3.78	21.4	42.3	4.87	23
24	7.42	88.8	35.8	22.7	9.83	8.02	2.78	0.740	3.57	18.0	32.7	4.10	24
25	6.82	76.4	29.8	21.1	8.08	4.41	2.40	0.788	3.24	15.4	23.8	3.88	25
26	5.52	68.8	43.2	19.8	8.81	4.00	2.12	0.810	3.20	13.7	21.3	3.50	26
27	7.48	48.1	82.2	18.7	8.12	3.81	1.84	0.824	15.8	12.1	18.7	3.48	27
28	8.88	30.8	88.3	17.3	7.88	3.33	1.75	0.818	24.7	11.0	16.2	3.50	28
29	8.27		81.8	16.1	7.47	3.32	1.88	0.783	17.3	10.0	30.8	3.48	29
30	8.04		88.3	15.2	8.84	3.01	2.32	0.741	13.1	9.15	35.7	3.20	30
31	8.84		81.8		5.83		2.30	0.880		8.28		2.84	31
TOTAL	264.71	515.02	822.72	1 212.4	1 181.22	369.22	139.63	30.028	134.834	681.88	761.01	329.16	TOTAL
MEAN	8.22	18.4	26.5	40.4	37.5	12.0	4.51	0.989	4.49	22.3	25.4	10.6	MEAN
MAX	12.8	76.4	88.3	85.3	130	36.1	18.3	1.85	24.7	71.2	45.8	27.8	MAX
MIN	4.81	3.84	8.83	15.2	5.83	3.01	1.75	0.661	0.389	8.28	7.74	2.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 130 ON MAY 11
MINIMUM DAILY, 0.389 ON SEP 14
MAXIMUM INSTANTANEOUS,
132 AT 20:13 AST ON MAY 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 52 18 N
LONG 63 13 18 W
DRAINAGE AREA, 850 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 000	JUL	13 100
FEB	44 500	AUG	3 690
MAR	71 100	SEP	11 600
APR	105 000	OCT	58 800
MAY	100 000	NOV	65 800
JUN	31 000	DEC	28 400

TOTAL DISCHARGE, 554 000 dam³

NORTH RIVER AT NORTH RIVER - STATION NO. 01DH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.740B	2.30 B	4.28	9.44	10.2	1.49	0.885	0.420E	0.302	1.03	3.17	2.80B	1
2	0.700B	1.88 B	3.69	10.3	10.8	1.30	0.838	0.385E	1.12	0.853	4.28	2.55B	2
3	0.670B	1.80 B	3.21	8.75	23.0	1.74	0.611	0.330E	1.31	5.84	3.02	3.10B	3
4	0.640B	1.65 B	2.87	18.1	14.3 A	1.53	0.808	0.307E	0.818	10.8	9.03	4.20B	4
5	0.610B	1.50 B	2.70B	30.8	9.80E	1.68	0.382	0.288E	0.421	8.43	8.83	3.48B	5
6	0.588B	1.40 B	2.42B	47.8	8.10E	1.18	0.334	0.280E	0.334	5.81	4.11	2.90B	6
7	0.578B	1.30 B	2.30B	82.6 E	14.0 E	1.47	0.284	0.320E	0.273	5.82	8.14	3.10B	7
8	0.940B	1.22 B	2.18B	40.3	28.0 E	4.28	0.324	0.350E	0.240	4.88	5.81	3.80B	8
9	1.58 B	1.18 B	2.11B	28.4	64.0 E	18.1	0.298	0.330E	0.228	3.61	5.43	3.90B	9
10	1.25 B	1.10 B	1.84B	18.8	82.0 A	8.84	0.270	0.305E	0.217	2.87	15.7	3.45B	10
11	1.10 B	1.07 B	1.68B	12.4	30.2	8.78	2.48	0.285E	0.218	8.21	10.3	3.28B	11
12	1.03 B	1.02 B	1.75B	8.84	13.1	7.07	2.86	0.325E	0.188	82.3	11.5	3.12B	12
13	1.20 B	0.870B	1.80B	8.85	9.16	4.78	1.82	0.202E	0.189	16.5	9.16	2.84B	13
14	1.30 B	0.850B	1.59B	8.57	7.84	3.43	0.985	0.650E	0.178	9.21	7.80	2.63B	14
15	1.80 B	0.830B	2.38	8.83	7.17	2.89	2.02	0.388A	3.87	8.14	13.3	2.72B	15
16	2.00 B	1.71 B	10.6 B	7.11	6.27	2.82	1.27	0.315	3.28	4.70	31.7	2.61B	16
17	1.70 B	2.78 B	11.2 B	13.2	6.15	4.10	1.03	0.458	2.13	4.34	25.2	2.52B	17
18	1.52 B	1.80 B	7.86	11.8	5.48	3.18	2.11	0.334	2.59	3.83	18.8	2.43B	18
19	1.43 B	1.75 B	5.11	10.8	2.83	2.83	1.33	0.284	1.38	3.37	14.8	2.38B	19
20	1.80 B	1.80 B	3.74B	19.8	2.28	2.10	0.950	0.205	1.00	2.88	9.72	2.23B	20
21	1.72 B	3.00 B	3.60B	14.0	2.07	2.02	0.700E	0.841	2.23	5.83	16.0	2.18B	21
22	1.80 B	10.0 B	5.88B	11.4	1.70	1.73	0.800E	0.608	1.61	9.81	14.0	2.06B	22
23	1.40 B	31.0 B	4.07B	10.3	1.55	1.34	0.520E	0.647	0.974	5.80	7.18	2.02B	23
24	1.30 B	13.6	3.28B	9.34	1.23	1.10	0.450E	0.521	0.864	4.30	5.00B	1.95B	24
25	1.23 B	8.13	8.68	8.83	2.88	0.893	0.418E	0.421	0.842	3.56	4.20B	1.87B	25
26	1.18 B	6.82	11.1	7.75	3.82	0.877	0.385E	0.327	1.44	2.84	3.60B	1.81B	26
27	2.50 B	5.83	8.05	7.23	2.55	0.845	0.365E	0.285	8.82	2.58	2.80B	1.78B	27
28	2.30 B	4.88	18.1	7.85	2.75	0.838	0.400E	0.245	3.21	2.45	4.80B	1.72B	28
29	2.10 B		21.1	8.12	4.40	1.48	0.800E	0.218	1.86	2.32	8.80B	1.68B	29
30	1.90 B		12.3	9.22	2.84	0.953	0.670E	0.218	1.35	2.13	4.20B	1.64B	30
31	2.15 B		7.38		1.85		0.550E	0.288		1.97		1.59B	31
TOTAL	61.830	114.470	178.83	507.43	336.93	82.447	27.842	11.245	43.409	202.842	284.49	80.35	TOTAL
MEAN	1.38	4.09	5.79	16.8	10.8	3.08	0.888	0.383	1.45	8.84	9.48	2.59	MEAN
MAX	2.50	31.0	21.1	82.6	64.0	18.1	2.86	0.841	8.82	53.3	31.7	4.20	MAX
MIN	0.578	0.830	1.59	5.83	1.23	0.838	0.270	0.202	0.178	0.852	2.80	1.59	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.27
MAXIMUM DAILY, 82.6E ON APR 7
MINIMUM DAILY, 0.178 ON SEP 14
MAXIMUM INSTANTANEOUS,
136E AT 05:41 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 30 N
LONG 63 15 20 W
DRAINAGE AREA, 203 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 820	JUL	2 380
FEB	8 650	AUG	972
MAR	15 500	SEP	3 750
APR	43 800	OCT	17 500
MAY	29 100	NOV	24 600
JUN	7 990	DEC	6 940

TOTAL DISCHARGE, 166 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 82.6 IS DUE TO CURVE EXTENSION

NOVA SCOTIA

NORTHEAST MARGAREE RIVER AT MARGAREE VALLEY - STATION NO. 01PB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.400	5.300	5.038	14.8	42.5	7.80	5.17	3.47	8.78	13.1	6.81	12.0	1
2	5.100	5.100	5.000	23.0	63.7	6.45	4.85	3.15	15.7	10.4	6.30	11.4	2
3	5.850	5.900	7.388	17.7	187	7.94	4.78	3.05	10.5	8.89	6.05	11.0	3
4	5.600	5.700	6.848	15.7	98.0	7.36	4.52	3.05	7.81	20.1	11.5	10.0 E	4
5	5.428	5.655	6.618	28.8	80.4	7.38	4.32	3.04	6.18	17.4	12.9	9.598	5
6	5.288	5.488	5.118	94.4	55.7	6.82	4.27	3.13	5.34	25.8	8.73	9.008	6
7	5.158	5.308	5.888	258	45.8	6.84	4.33	4.08	4.88	23.0	14.4	8.508	7
8	5.058	5.158	5.618	102	134	6.40	4.12	3.81	4.59	30.2	12.7	8.008	8
9	13.1 E	5.058	5.408	87.8	68.3	5.88	3.96	3.48	4.32	21.7	10.8	7.83	9
10	11.7 E	4.958	5.308	43.6	53.0	6.18	3.83	3.14	4.18	37.8	20.8	7.62	10
11	10.8 E	4.858	5.188	37.2	45.8	6.07	5.02	2.88	4.13	26.0	17.8	7.44	11
12	10.0 E	4.748	5.008	28.8	41.5	10.4	10.2	3.60	4.18	24.8	24.1	7.28	12
13	24.2 E	4.858	4.808	26.8	34.5	24.8	26.0	3.53	3.88	20.8	24.0	7.08	13
14	15.8 E	4.578	4.628	28.1	28.0	12.4	11.2	4.53	3.78	17.8	17.3	6.81	14
15	12.2 E	4.508	4.738	22.8	27.6	8.15	7.57	3.58	10.8	16.4	16.8	8.74	15
16	21 E	4.448	21.5 E	32.3	26.8	8.33	6.48	3.12	7.08	13.7	82.8	8.488	16
17	15.2	4.338	15.8 E	21.8	21.3	8.06	5.80	3.86	6.85A	18.8	40.1	8.388	17
18	12.0 E	4.278	12.0 E	18.8	18.5	7.48	5.58	3.27	7.82A	16.2	30.1	8.208	18
19	10.6 E	4.188	10.6 E	16.8	15.4	7.00	5.28	2.80	6.67	13.7	28.1	8.058	19
20	9.808	4.128	9.768	27.4	14.8	6.84	4.88	2.61	6.72	12.1	24.8	8.888	20
21	9.388	5.008	8.108	27.9	13.6	8.43	4.74	3.02	21.5	11.3	27.3	8.888	21
22	8.808	19.0 E	8.808	25.1	12.3	8.52	4.56	7.14	13.8	20.2	37.2	8.728	22
23	8.428	36.8 E	8.258	23.1	11.1	6.08	4.38	4.78	9.08	17.3	24.6	8.888	23
24	8.028	25.1 E	7.828	21.8	10.4	5.83	4.14	4.80	8.34	15.0	20.8	8.638	24
25	7.808	18.0 E	7.718	19.8	10.2	5.80	4.03	10.3	8.38	13.8	18.0	8.458	25
26	7.508	14.2 E	7.478	18.0	10.2	8.07	3.93	18.7	7.31	12.2	18.8	8.388	26
27	7.208	12.1 E	7.228	16.8	9.22	6.81	3.88	6.83	33.8	11.1	15.2	8.288	27
28	7.008	10.8 E	10.8	18.8	8.28	5.60	3.82	6.25	22.3	10.4	14.1	8.188	28
29	8.808		30.8	21.8	10.4	5.76	3.73	5.00	14.7	9.81	18.4	8.118	29
30	8.558		26.8	30.2	9.33	5.48	3.72	4.48	16.1	9.43	18.0	8.038	30
31	8.808		17.2		8.34		3.88	8.85		9.02		4.868	31
TOTAL	286.08	243.58	301.30	1 148.8	1 255.87	232.34	176.85	143.88	288.20	513.75	622.18	221.82	TOTAL
MEAN	9.55	8.70	9.72	38.3	40.5	7.74	5.70	4.84	9.61	18.8	21.1	7.15	MEAN
MAX	24.2	36.5	30.8	258	187	24.8	26.0	18.7	33.8	37.8	82.8	13.0	MAX
MIN	5.05	4.13	4.73	14.8	8.34	5.48	3.88	2.61	3.78	9.02	8.05	4.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.8
MAXIMUM DAILY, 258 ON APR 7
MINIMUM DAILY, 2.61 ON AUG 30
MAXIMUM INSTANTANEOUS,
345E AT 18:40 AST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 10 N
LONG 60 58 38 W
DRAINAGE AREA, 388 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 600	JUL	15 200
FEB	21 600	AUG	12 600
MAR	28 000	SEP	24 800
APR	89 300	OCT	44 400
MAY	108 000	NOV	64 600
JUN	20 100	DEC	19 200

TOTAL DISCHARGE, 471 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 258 IS DUE TO CURVE EXTENSION

PEMBROKE RIVER AT GLENSERVIE - STATION NO. 01BG018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40 B	1.32 B	2.58 B	2.90	2.88	0.487	0.188	0.051	1.01	1.24	1.30	1.05	1
2	1.18 B	1.14 B	2.08 B	3.84	2.88	0.324	0.182	0.036	1.80	1.01	1.77	0.7008	2
3	0.9808	0.8908	1.88 B	3.12	10.3	0.730	0.188	0.028	2.12	3.73	1.38	2.12	3
4	0.7808	0.6808	1.42 B	4.20	6.80	0.838	0.287	0.033	1.18	8.28	2.84	0.888	4
5	0.8708	0.7808	1.88 B	8.11	3.82	0.901	0.148	0.022	0.714	3.24	3.21	0.857	5
6	0.8108	0.8808	1.98 B	10.4	2.78	0.802	0.133	0.022	0.848	3.41	1.88	0.883	6
7	0.8708	0.8208	1.60 B	24.8 E	10.8	0.588	0.085	0.084	0.515	2.45	3.85	0.873	7
8	0.8408	0.8858	1.38 B	14.8	15.4	0.787	0.087	0.075	0.398	3.08	2.85	1.78 B	8
9	1.28 B	0.9308	1.00 B	11.0	22.0	4.18	0.107	0.081	0.346	2.93	2.87	1.87 B	9
10	0.8808	0.4908	0.8208	8.86	21.3 E	2.83	0.081	0.038	0.280	3.02	5.11	1.40 B	10
11	0.7258	0.4858	0.7008	4.23	10.2	2.28	1.81	0.025	0.238	3.52	4.00	1.20 B	11
12	0.7308	0.4258	0.6208	3.50	8.21	2.00	1.38	0.020	0.283	21.0 E	4.31	1.08 B	12
13	0.8708	0.4038	0.5708	3.04	4.57	1.44	1.08	0.132	0.241	8.40	3.72	1.01 B	13
14	1.08 B	0.3688	0.5288	2.78	3.82	1.15	0.811	1.88	0.228	4.98	3.08	0.9308	14
15	1.28 B	0.8008	1.70 B	3.43	3.34	0.887	0.382	8.78	3.88	3.38	3.72	0.8908	15
16	1.38 B	1.22 B	4.20 B	2.18	3.88	0.707	0.288	3.88	3.88	2.71	8.77	0.7708	16
17	1.28 B	1.08 B	3.80 B	3.88	3.38	0.578	0.233	1.88	2.30	2.88	11.3	0.7108	17
18	0.8808	0.8208	3.10 B	3.82	1.88	0.772	0.427	0.887	2.24	2.58	6.18	0.8508	18
19	0.8608	0.8808	2.58 B	4.88	1.58	0.748	0.318	0.888	1.44	2.28	5.35	0.8208	19
20	0.8408	0.5808	2.40 B	8.30	1.28	0.584	0.257	0.472	1.07	1.98	4.38	0.5858	20
21	0.8308	1.80 B	2.40 B	4.32	1.18	0.807	0.218	1.00	1.22	2.33	4.48	0.8408	21
22	0.8008	3.00 B	4.70 B	3.38	1.04	0.481	0.181	3.44	1.00	2.88	4.83	0.8008	22
23	0.8708	11.8 B	4.20 B	3.04	1.02	0.374	0.121	5.11	0.907	2.88	3.85	0.4408	23
24	0.8908	8.20 B	3.80 B	2.73	0.888	0.288	0.108	3.11	0.785	2.82	2.20	0.4858	24
25	0.8388	7.80 B	3.80 B	3.44	0.815	0.280	0.878	1.88	0.831	1.78	1.88	0.4388	25
26	0.7108	6.00 B	4.40 B	2.38	0.808	0.288	0.858	1.08	1.38	1.83	1.27	0.4158	25
27	1.03 B	4.80 B	5.20 B	2.07	0.884	0.278	0.852	0.808	7.05	1.31	0.884	0.3858	27
28	0.8508	3.70 B	8.28	2.18	0.805	0.221	0.882	0.858	2.87	1.18	1.03	0.3828	28
29	0.8808		8.87	2.30	0.723	0.387	0.307	0.838	1.82	1.10	2.58	0.3858	29
30	1.10 B		5.88	2.38	0.812	0.268	0.288	0.887	1.42	1.03	1.71	0.3858	30
31	1.48 B		3.18		0.388		0.128	1.88		0.883		0.3438	31
TOTAL	28.378	81.783	88.818	151.78	148.878	26.836	9.808	38.881	43.884	102.343	107.784	24.320	TOTAL
MEAN	0.918	2.21	2.87	5.08	4.71	0.888	0.310	1.18	1.48	3.30	3.88	0.785	MEAN
MAX	1.48	11.8	8.87	24.8	22.0	4.18	1.81	8.78	7.05	21.0	11.3	2.12	MAX
MIN	0.628	0.388	0.628	2.07	0.388	0.221	0.082	0.020	0.228	0.883	0.884	0.343	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.27
MAXIMUM DAILY, 24.8E ON APR 7
MINIMUM DAILY, 0.020 ON AUG 13
MAXIMUM INSTANTANEOUS,
33.2E AT 03:47 AST ON OCT 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 15 54 N
LONG 62 58 38 W
DRAINAGE AREA, 73.3 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 [illegible]	JUL	830
FEB	5 340	AUG	3 180
MAR	7 870	SEP	3 700
APR	13 100	OCT	8 440
MAY	12 800	NOV	9 310
JUN	2 300	DEC	2 100

TOTAL DISCHARGE, 71 500 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 25.8 IS DUE TO CURVE EXTENSION

RIGHTS RIVER NEAR ANTIGONISH - STATION NO. 01DR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8508	1.15 B	0.8858	4.618	1.69	0.338	0.288	0.113	0.058	0.243	0.408	1.97 B	1
2	0.5808	0.740E	0.7958	3.308	1.68	0.324	0.268	0.108	0.058	0.200	0.441	1.78 B	2
3	0.5108	0.5848	0.7408	3.048	2.93	0.484	0.293	0.098	0.088	0.380	0.404	1.68 B	3
4	0.4788	0.4828	0.7048	5.308	1.87	0.373	0.243	0.093	0.077	1.18	0.918	1.58 B	4
5	0.4428	0.4318	1.20 B	8.258	1.58	0.374	0.213	0.077	0.068	0.830	0.683	1.47 B	5
6	0.4238	0.3848	1.75 B	13.3	1.34	0.288	0.190	0.081	0.047	0.413	0.508	1.40 B	6
7	0.4108	0.3888	1.38 B	18.6	1.25	0.318	0.178	0.067	0.038	0.822	0.844	1.34 B	7
8	3.88 B	0.3428	1.08 B	12.6	20.5	0.480	0.185	0.088	0.034	0.448	0.703	1.30 B	8
9	2.90 B	0.3238	0.8008	7.38	8.77	2.78	0.180	0.084	0.028	0.880	0.814	1.80 E	9
10	2.40 B	0.3088	0.8938	4.48	4.78	0.888	0.160	0.074	0.023	1.70	2.11	1.28 B	10
11	2.03 B	0.2828	0.8008	3.48	3.13	1.11	0.921	0.087	0.018	1.38	1.30	0.9008	11
12	1.81 B	0.2648	0.8448	2.88	2.40	1.08	1.67	0.082	0.018	23.0	1.48	0.8808	12
13	8.34 B	0.2588	0.8048	2.32	1.88	0.783	0.848	0.058	0.022	2.78	1.28	0.8608	13
14	3.80 B	1.41 B	0.4708	2.12	1.68	0.548	0.484	0.088	0.028	2.18	0.884	0.4808	14
15	1.88 B	0.8308	0.4388	2.28	1.88	0.438	0.338	0.101	0.401	1.88	1.28	0.4088	15
16	1.80 B	0.7008	3.70 B	2.11	1.42	0.884	0.284	0.084	0.445	1.28	2.78	0.3808	16
17	1.30 B	0.5748	2.00 B	5.08	1.18	1.19	0.280	0.074	0.211	1.22	3.84	0.3388	17
18	1.10 B	0.5008	1.88 B	5.28	1.08	0.873	0.358	0.088	0.184	1.10	2.41	0.3068	18
19	0.8508	0.4808	1.40 B	8.38	0.930	0.540	0.288	0.052	0.157	0.804	3.04	0.2908	19
20	0.8308	0.8888	1.28 B	8.27	0.804	0.412	0.247	0.038	0.128	0.778	2.18	0.2788	20
21	0.7488	0.8888	1.28 B	3.88	0.733	0.617	0.238	0.118	0.170	0.782	8.11	0.2858	21
22	0.8818	8.50 B	1.74 B	2.83	0.884	0.857	0.208	0.128	0.188	1.22	5.48	0.2548	22
23	0.8278	4.10 B	1.80 B	3.03	0.881	0.448	0.184	0.081	0.117	0.832	2.88	0.2458	23
24	0.8748	2.80 B	1.62 B	2.82	0.811	0.388	0.158	0.083	0.103	0.734	2.00 B	0.2388	24
25	0.8288	1.82 B	1.44 B	2.84	0.822	0.378	0.148	0.088	0.104	0.848	1.80 B	0.2288	25
26	1.02 B	1.40 B	1.38 B	2.48	0.838	0.370	0.138	0.083	0.187	0.892	1.58 B	0.2218	26
27	0.8808	1.24 B	3.00 B	2.24	0.478	0.402	0.122	0.088	2.38	0.844	1.48 B	0.2148	27
28	0.4708	1.08 B	7.30 B	2.02	0.800	0.337	0.121	0.087	0.834	0.803	1.38 B	0.2068	28
29	0.4208		4.00 B	1.88	0.532	0.383	0.148	0.048	0.420	0.488	3.10 B	0.2008	29
30	0.7288		2.20 B	1.84	0.408	0.301	0.152	0.047	0.301	0.434	2.30 B	0.1928	30
31	0.8008		2.85 B		0.362		0.128	0.058		0.407		0.1858	31
TOTAL	60.133	33.098	60.873	144.73	88.818	18.278	9.722	2.488	5.803	80.818	88.743	22.881	TOTAL
MEAN	1.28	1.18	1.83	4.82	2.28	0.608	0.314	0.080	0.230	1.84	1.88	0.742	MEAN
MAX	8.34	8.50	7.30	18.6	20.5	2.78	1.87	0.128	2.38	23.0	8.11	1.97	MAX
MIN	0.410	0.258	0.435	1.84	0.362	0.288	0.121	0.038	0.018	0.200	0.404	0.185	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 23.0 ON OCT 12
MINIMUM DAILY, 0.018 ON SEP 11
MAXIMUM INSTANTANEOUS,
58.1E AT 05:34 AST ON OCT 12

REMARKS - THE E FOR DISCHARGE ABOVE 39.4 IS DUE TO CURVE EXTENSION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 38 44 N
LONG 62 01 15 W
DRAINAGE AREA, 84.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 470	JUL	840
FEB	2 880	AUG	213
MAR	4 370	SEP	588
APR	12 500	OCT	4 380
MAY	8 010	NOV	5 180
JUN	1 680	DEC	1 880

TOTAL DISCHARGE, 44 000 dam³

RIVER INHABITANTS AT GLENORA - STATION NO. 01FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.888	2.15 B	2.508	8.808	10.7	2.37	1.43	1.08	1.07	3.18	2.03	7.808	1
2	2.848	3.54 B	2.108	14.0 B	12.8	2.33	1.21	1.08	1.18	2.48	2.21	8.808	2
3	2.428	2.80 B	1.788	19.2 B	12.8	3.12	1.18	1.00	2.50	2.50	2.88	8.108	3
4	2.328	2.24 B	1.808	21.0 B	11.8	3.40	1.12	0.881	1.44	8.73	13.0	7.108	4
5	2.218	2.01 B	1.708	27.1	7.81	2.88	1.08	0.874	1.01	5.03	8.87	6.858	5
6	2.148	1.83 B	2.088	34.8	8.70	2.32	0.980	0.888	0.812	3.18	4.21	5.008	6
7	2.018	1.71 B	2.388	88.8	8.78	1.87	0.951	0.838	0.748	3.32	8.08	4.838	7
8	4.808	1.80 B	2.108	57.1	26.8	1.46	1.01	1.00	0.711	3.11	4.88	11.8 B	8
9	15.8 B	1.62 B	1.888	43.3	78.4	8.51	1.18	0.823	0.629	5.89	4.02	8.108	9
10	11.7 B	1.48 B	1.718	24.3	41.0	5.78	0.885	0.880	0.812	18.0	17.1	7.808	10
11	8.808	1.37 B	1.588	17.0	15.8	7.62	21.5	0.818	0.631	7.58	12.8	5.888	11
12	7.708	1.31 B	1.488	12.7	10.8	10.2	27.8	0.788	0.832	57.7	8.71	4.808	12
13	10.6 B	1.27 B	1.378	12.2	8.85	7.88	14.8	0.815	0.541	42.8	6.82	4.508	13
14	12.1 B	1.21 B	1.308	11.8	7.88	4.18	8.32	2.37	0.508	11.7	5.88	4.188	14
15	7.348	1.17 B	2.808	10.2	8.24	3.08	4.83	2.11	7.18	7.20	5.74	3.888	15
16	11.8 B	1.12 B	4.808	11.4	8.38	2.88	3.88	1.38	15.5	5.48	10.8	3.878	16
17	8.858	1.04 B	6.308	23.8	6.35	3.48	3.07	1.11	4.78	5.11	18.8	3.418	17
18	8.848	1.00 B	5.708	27.4	4.47	2.88	3.84	0.887	3.02	4.77	14.4	3.188	18
19	5.888	0.9308	3.008	19.1	3.84	2.52	3.14	0.818	2.04	3.78	18.2	2.858	19
20	5.308	0.9308	2.408	28.0	3.56	2.21	2.80	0.744	1.50	3.20	14.7	2.808	20
21	4.838	3.20 B	4.278	22.1	3.33	2.04	2.30	1.08	2.11	3.06	18.2	2.888	21
22	4.408	12.3 B	3.308	14.8	3.18	2.25	1.87	1.12	2.14	9.23	28.5	2.858	22
23	4.008	8.70 B	2.858	13.8	2.81	1.85	1.73	0.918	1.51	6.87	11.8	2.488	23
24	3.728	8.00 B	2.488	11.4	2.83	1.78	1.80	0.848	1.28	4.27	8.50	2.348	24
25	3.478	4.40 B	8.808	10.8	2.58	1.87	1.43	1.10	1.22	3.47	6.88	2.278	25
26	3.208	3.70 B	6.308	8.84	3.28	1.78	1.38	3.88	1.22	2.98	6.00	2.188	26
27	3.008	3.22 B	8.008	11.8	2.88	2.37	1.21	5.31	28.5	2.85	5.52	2.108	27
28	4.178	2.80 B	5.408	11.1	2.73	1.80	1.20	2.34	18.8	2.47	5.58	2.018	28
29	3.408		17.2 B	10.5	3.26	2.21	1.18	1.38	8.58	2.34	15.4	1.848	29
30	2.758		13.4 B	11.2	2.82	1.78	1.17	1.03	4.88	2.22	10.7	1.678	30
31	2.408		10.8 B		2.53		1.08	1.21		2.07		1.788	31
TOTAL	173.27	78.370	130.98	808.24	318.40	101.81	116.828	41.808	115.312	246.28	289.01	131.72	TOTAL
MEAN	5.59	2.73	4.23	20.2	10.3	3.38	3.83	1.34	3.84	7.94	9.83	4.25	MEAN
MAX	15.8	12.3	17.2	57.1	78.4	10.2	27.5	5.31	28.5	57.7	28.5	11.8	MAX
MIN	2.01	0.930	1.30	8.80	2.53	1.87	0.885	0.744	0.508	2.07	2.03	1.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.44
MAXIMUM DAILY, 78.4 ON MAY 9
MINIMUM DAILY, 0.508 ON SEP 14
MAXIMUM INSTANTANEOUS,
87.5 AT 17:08 AST ON MAY 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 43 15 N
LONG 61 17 10 W
DRAINAGE AREA, 183 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 000	JUL	10 200
FEB	6 800	AUG	3 590
MAR	11 300	SEP	8 880
APR	52 400	OCT	21 300
MAY	27 500	NOV	28 000
JUN	8 800	DEC	11 400

TOTAL DISCHARGE, 203 000 dam³

NOVA SCOTIA

RIVER JOHN AT WELSFORD - STATION NO. 01DD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.88B	3.35 B	3.50B	17.7	4.80	1.40E	1.00 E	0.305E	0.300E	0.800E	1.74	8.50 B	1
2	1.88B	2.90 B	3.30B	24.0	8.05	1.23E	0.720E	0.293E	0.450E	0.590E	2.51	7.20 B	2
3	1.50B	2.20 B	3.10B	13.7	9.23	1.77E	0.640E	0.263E	1.03 E	1.10 E	1.88	8.20 B	3
4	1.40B	2.00 B	2.80B	10.5	7.28	1.50E	0.700E	0.275E	0.820E	2.88 E	5.02	8.40 B	4
5	1.29B	1.83 B	3.50B	34.5	5.85	1.80E	0.830E	0.269E	0.400E	1.80 E	3.95	4.80 B	5
6	1.18B	1.82 B	5.20B	48.8	4.77	1.35E	0.880E	0.280E	0.340E	1.30 E	3.01	4.40 B	6
7	1.08B	1.60 B	3.78B	87.1	17.2	3.50E	0.545E	0.262E	0.300E	1.00 E	5.01	4.08 B	7
8	1.50B	1.38 B	3.15B	36.4	21.4	9.00E	0.510E	0.248E	0.272E	0.880E	3.80	3.78 B	8
9	1.80B	1.28 B	2.85B	27.2	37.1	17.0 E	0.480E	0.280E	0.238E	0.900E	3.82	3.45 B	9
10	1.60B	1.20 B	2.48B	18.2	48.7	7.00E	0.470E	0.230E	0.218E	0.680E	10.9	3.20 B	10
11	1.20B	1.12 B	2.20B	12.3	21.8	5.80E	3.25 E	0.224E	0.183A	0.805A	7.20	2.85 B	11
12	3.10B	1.03 B	2.00B	9.84	13.4	5.80E	3.05 E	0.220E	0.200E	35.2	5.59	2.80 B	12
13	2.82B	0.930B	1.80B	8.14	10.4	3.80E	1.65 E	0.214A	0.214A	13.4	5.44A	2.38 B	13
14	2.52B	0.884B	1.61B	7.45	8.78	3.00E	0.840E	0.248E	0.200E	7.85	5.40E	2.16 B	14
15	4.30B	1.80 B	5.20B	6.85	7.18	2.50E	1.82 E	0.295E	1.40 E	4.91	11.5 E	3.00 B	15
16	5.70B	2.90 B	17.3 B	6.84	6.75	2.80E	1.25 E	0.345A	0.780E	3.43	25.0 E	1.85 B	16
17	4.80B	2.30 B	11.0 B	24.1	4.77	3.40E	0.820E	0.290E	1.35 E	3.01	24.0 E	1.74 B	17
18	3.85B	1.90 B	7.70B	16.0	4.20	3.05E	1.07 E	0.260E	1.25 E	2.78	24.0 E	1.63 B	18
19	3.55B	1.55 B	8.10B	15.9	3.85	2.80E	0.770E	0.248E	0.450E	2.50	15.0 E	1.53 B	19
20	3.20B	5.00 B	8.00B	20.2	3.07	2.28E	0.630E	0.241E	0.830E	2.12	14.0 E	1.44 B	20
21	2.95B	8.20 B	6.50B	12.8	2.80	2.08A	0.580E	0.238E	0.740E	3.98	35.0 E	1.37 B	21
22	2.70B	38.0 B	7.40B	9.58	2.49	1.87E	0.520E	0.232E	0.430E	5.22	19.8 E	1.28 B	22
23	2.52B	12.0 B	8.80B	8.76	2.25	1.67E	0.470E	0.228E	0.570E	3.40	18.0 E	1.21 B	23
24	2.38B	5.60 B	7.60B	8.03	2.08A	1.48E	0.430E	0.225E	0.720E	2.89	12.0 E	1.15 B	24
25	2.24B	4.80 B	7.00B	7.32	1.92E	1.30E	0.800E	0.222E	0.580E	2.40	10.5 E	1.08 B	25
26	2.12B	4.35 B	9.00B	8.56	1.80E	1.46E	0.800E	0.218E	1.40 E	2.12	9.10E	1.30 B	26
27	2.80B	4.00 B	16.5 B	5.84	1.70E	1.30E	0.540E	0.218E	3.85 E	1.84	8.40E	1.23 B	27
28	3.80B	3.80 B	32.0 B	5.47	2.17E	1.18E	0.390E	0.220E	2.80 E	1.68	12.0 E	1.15 B	28
29	2.80B		55.5	5.05	1.95E	1.45E	0.680E	0.228E	0.880E	1.59	17.5 E	1.08 B	29
30	2.30B		22.5	4.83	1.70E	1.10E	0.400E	0.235E	0.880E	1.84	11.5 E	1.01 B	30
31	2.55B		15.5		1.55E		0.340E	0.250E		1.49		0.970B	31
TOTAL	79.20	116.804	297.71	507.85	284.70	88.57	27.455	7.768	23.853	114.915	337.59	84.090	TOTAL
MEAN	2.55	4.17	9.60	16.9	9.54	3.28	0.886	0.251	0.788	3.71	11.3	2.71	MEAN
MAX	5.70	38.0	55.5	87.1	48.7	17.0	3.25	0.345	3.85	35.2	34.0	8.50	MAX
MIN	1.08	0.884	1.61	4.83	1.55	1.10	0.340	0.218	0.193	0.590	1.74	0.970	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.37
MAXIMUM DAILY, 87.1 ON APR 7
MINIMUM DAILY, 0.193A ON SEP 11
MAXIMUM INSTANTANEOUS,
88.1 AT 08:15 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 42 N
LONG 63 03 08 W
DRAINAGE AREA, 249 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 840	JUL	2 370
FEB	10 100	AUG	871
MAR	25 700	SEP	2 040
APR	43 900	OCT	9 930
MAY	22 900	NOV	29 200
JUN	8 520	DEC	7 270

TOTAL DISCHARGE, 169 000 dam³

ROGERS BROOK NEAR JAKES LANDING - STATION NO. 01ED009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.49	---	---	---	---	---	---	---	---	---	1
2	0.074	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	0.087	0.589	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	0.190	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	0.085	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	0.060	0.171	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	0.307	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	0.352	---	---	---	---	---	---	---	---	---	17
18	---	---	0.253	---	---	---	---	---	---	---	---	---	18
19	---	---	0.870	---	---	---	---	---	---	---	---	---	19
20	---	0.074	0.424	---	---	---	---	---	---	---	---	---	20
21	---	---	0.282	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	0.088	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	1.87	0.858	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	0.099		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 25 45 N
LONG 65 13 00 W
DRAINAGE AREA, 8.74 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

ROSEWAY RIVER AT LOWER ONSLOW - STATION NO. 01EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.6	20.7	31.88	38.1	12.1	7.53	5.38	1.88	0.833	0.788	8.28	30.0	1
2	25.2	19.8	28.38	37.3	11.8	7.32	4.84	1.81	0.828	0.748	8.01	30.8	2
3	23.8	18.3 B	25.88	36.0	11.1	7.10	4.56	1.68	0.838	1.22	8.88	30.7	3
4	21.18	17.3 B	23.88	39.3	10.8	8.78	4.22	1.60	0.895	1.82	8.74	30.8	4
5	19.38	16.2 B	21.38	41.1	8.85	8.80	3.88	1.35	0.873	1.81	8.83	28.4	5
6	18.18	15.1 B	21.88	42.8	8.41	8.30	3.78	1.33	0.838	1.87	8.82	26.0 B	6
7	16.28	14.0 B	19.88	43.8	10.7	8.88	3.70	1.32	0.816	1.88	8.88	23.8 B	7
8	15.28	13.1 B	18.38	45.4	14.2	8.80	4.35	1.32	0.800	2.30	7.22	22.0 B	8
9	14.88	12.2 B	16.88	46.1	16.8	8.84	4.83	1.27	0.488	2.89	9.10	20.8 B	9
10	14.88	11.2 B	15.78	45.5	18.3	7.01	4.22	1.18	0.480	2.88	13.8	18.7 B	10
11	14.88	10.8 B	14.38	44.0	20.6	7.88	5.88	1.07	0.483	3.48	18.8	17.1 B	11
12	15.88	10.1 B	13.38	41.8	20.8	8.70	5.35	0.987	0.418	4.81	20.8	18.0 B	12
13	16.88	9.808	12.88	38.8	20.8	8.28	4.70	0.948	0.428	5.08	24.7	18.0 B	13
14	16.88	8.808	11.88	35.8	21.2	8.48	4.28	0.922	0.420	5.23	28.8	14.0 B	14
15	20.1	11.8 B	11.28	33.0	20.2	8.44	3.87	0.823	0.378	5.23	27.1	13.0 B	15
16	24.0	14.8	14.3	30.8	18.2	8.82	3.85	0.837	0.410	5.21	26.0	12.0 B	16
17	26.6	17.6	16.2	30.8	16.2	10.8	3.84	0.881	0.487	5.31	26.3	11.1 B	17
18	26.3	18.5	17.0	28.3	18.8	10.7	4.83	0.828	0.818	7.88	28.7	10.4 B	18
19	28.7	18.2	22.8	26.1	18.5	11.2	4.78	0.830	0.778	7.84	29.0	8.808	19
20	27.6	16.8	25.7	25.8	14.1	11.3	4.37	0.888	0.820	7.87	28.4	8.488	20
21	26.3	16.8	29.7	25.0	12.8	11.4	4.30	0.878	0.824	8.43	30.8	8.008	21
22	22.28	23.0	36.4	23.2	11.7	11.3	3.83	0.880	0.886	8.28	31.8	8.878	22
23	19.28	33.2	37.1	21.8	10.7	10.8	3.88	0.830	0.828	8.27	31.8	8.388	23
24	17.88	41.0	37.2	19.8	8.87	8.87	3.28	0.804	0.480	8.19	31.4	8.008	24
25	17.08	47.2	37.6	18.4	8.37	8.18	2.78	0.807	0.878	8.03	30.4	7.828	25
26	18.28	48.2	36.0	17.0	8.88	8.48	2.50	0.748	0.808	8.88	28.8	7.408	26
27	19.38	42.2 B	36.7	15.8	8.47	7.88	2.28	0.671	0.818	8.38	27.3	7.208	27
28	20.2	38.0 B	35.4	14.8	8.20	7.30	2.12	0.884	0.788	7.88	26.8	7.008	28
29	21.0		34.5	13.7	8.11	8.71	2.36	0.815	0.777	7.48	26.3	8.778	29
30	21.6		33.7	12.7	7.82	8.04	2.24	0.808	0.812	8.85	26.8	8.478	30
31	21.4		34.8		7.78		2.05	0.847		8.40		8.188	31
TOTAL	639.0	586.00	771.4	838.4	416.33	264.85	120.18	32.291	18.818	186.804	530.47	471.71	TOTAL
MEAN	20.6	20.9	24.8	31.2	13.4	8.48	3.88	1.04	0.881	8.37	21.0	15.2	MEAN
MAX	28.7	48.2	38.0	48.1	21.2	11.4	8.88	1.88	0.818	8.28	31.8	30.8	MAX
MIN	14.8	8.80	11.2	12.7	7.78	8.88	2.05	0.803	0.378	0.748	8.88	8.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 48.2 ON FEB 26
MINIMUM DAILY, 0.378 ON SEP 15
MAXIMUM INSTANTANEOUS,
48.9 AT 23:08 AST ON FEB 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 18 N
LONG 65 22 12 W
DRAINAGE AREA, 485 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85 200	JUL	10 400
FEB	80 800	AUG	3 790
MAR	88 800	SEP	1 430
APR	80 800	OCT	14 400
MAY	38 000	NOV	84 800
JUN	22 000	DEC	40 800

TOTAL DISCHARGE, 438 000 dam³

ROUNDLAKE BROOK AT ROUND LAKE - STATION NO. 01EE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.23	1.03	2.54	4.13	0.978	0.882	---	---	---	---	---	---	1
2	1.18	1.01	2.22	4.28	0.928	0.808	---	---	---	---	---	---	2
3	1.11	0.8808	1.91	4.23	0.823	0.874	---	---	---	---	---	---	3
4	1.03	0.8008	1.81	4.13	0.841	1.08	---	---	---	---	---	---	4
5	0.956	0.8578	1.43	4.80	0.808	1.18	---	---	---	---	---	---	5
6	0.880	0.8008	1.39	5.43	0.880	1.18	---	---	---	---	---	---	6
7	0.807	0.7808	1.31	6.08	1.40	---	---	---	---	---	---	---	7
8	0.742	0.7058	1.22	6.88	2.47	---	---	---	---	---	---	---	8
9	0.761	0.6728	1.12	6.62	3.08	---	---	---	---	---	---	---	9
10	0.778	0.887	1.01	6.88	3.10	---	---	---	---	---	---	---	10
11	0.781	0.838	0.908	3.83	2.83	---	---	---	---	---	---	---	11
12	0.751	0.887	0.840	3.17	2.58	---	---	---	---	---	---	---	12
13	0.823	0.851	0.798	2.88	2.54	---	---	---	---	---	---	---	13
14	0.858	0.873	0.731	2.32	2.81	---	---	---	---	---	---	---	14
15	0.938	0.872	0.708	2.08	3.10	---	---	---	---	---	---	---	15
16	1.18	0.782	0.804	1.80	2.90	---	---	---	---	---	---	---	16
17	1.28	0.814	1.18	2.04	2.63	---	---	---	---	---	---	---	17
18	1.38	0.807	1.48	2.10	2.31	---	---	---	---	---	---	---	18
19	1.30	0.777	1.81	2.13	1.84	---	---	---	---	---	---	---	19
20	1.22	0.736	2.11	2.16	1.81	---	---	---	---	---	---	---	20
21	1.17 B	0.744	2.30	2.01	1.41	---	---	---	---	---	---	---	21
22	1.12 B	1.70	2.48	1.82	1.23	---	---	---	---	---	---	---	22
23	1.04 B	4.83	2.51	1.67	1.08	---	---	---	---	---	---	---	23
24	1.05	4.26 A	2.38	1.58	0.924	---	---	---	---	---	---	---	24
25	0.978	3.85 E	2.28	1.48	0.929	---	---	---	---	---	---	---	25
26	0.924	3.57 E	2.44	1.38	0.907	---	---	---	---	---	---	---	26
27	1.03	3.32 E	2.68	1.27	0.867	---	---	---	---	---	---	---	27
28	1.10	2.80 A	2.80	1.17	1.08	---	---	---	---	---	---	---	28
29	1.18		3.42	1.08	1.03	---	---	---	---	---	---	---	29
30	1.13		4.10	1.02	0.978	---	---	---	---	---	---	---	30
31	1.08		4.37		0.824		---	---	---	---		---	31
TOTAL	31.703	40.460	58.908	88.59	52.383	---	---	---	---	---	---	---	TOTAL
MEAN	1.02	1.44	1.90	2.85	1.69	---	---	---	---	---	---	---	MEAN
MAX	1.38	4.83	4.37	6.88	3.10	---	---	---	---	---	---	---	MAX
MIN	0.742	0.851	0.708	1.02	0.880	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 38 N
LONG 64 58 25 W
DRAINAGE AREA, 88.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 740	JUL	---
FEB	3 480	AUG	---
MAR	5 090	SEP	---
APR	7 850	OCT	---
MAY	4 520	NOV	---
JUN	---	DEC	---

NOVA SCOTIA

SACKVILLE RIVER AT BEDFORD - STATION NO. 01EJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.608	3.04	5.638	13.6	2.72	1.40	1.00	0.434	0.182	1.57	2.72	7.38	1
2	2.108	2.75	4.38	11.8	2.58	1.38	0.898	0.378	0.381	1.45	2.52	6.38	2
3	1.778	2.408	3.778	10.0	5.66	8.38	0.878	0.358	0.181	4.84	2.42	7.58	3
4	1.108	2.208	3.178	12.8	4.42	4.80	0.738	0.327	0.188	4.21	3.78	8.44	4
5	1.808	2.058	2.718	13.4	4.28	4.97	0.849	0.321	0.128	3.27	3.18	7.70	5
6	1.438	1.858	3.778	15.1	4.16	4.61	0.806	0.357	0.112	3.30	3.34	6.88	6
7	1.378	1.748	3.228	14.6	12.3	4.08	0.581	0.393	0.088	3.75	4.08	7.84 B	7
8	2.14	1.838	2.838	21.5	10.8	5.34	1.34	0.333	0.088	3.63	3.73	8.55 B	8
9	2.48	1.538	2.58	19.4	7.83	8.62	0.921	0.312	0.070	3.25	5.44	9.82 B	9
10	1.808	1.438	2.38	14.8	8.58	7.77	1.21	0.283	0.083	2.88	8.01	9.31 B	10
11	1.858	1.358	2.20	11.5	7.35	8.42	4.80	0.238	0.088	8.58	7.88	4.74 B	11
12	1.618	1.288	1.838	9.11	8.83	6.88	2.80	0.248	0.078	12.4	6.84	4.22 B	12
13	4.008	1.238	1.778	7.48	8.84	8.08	2.48	0.178	0.085	6.80	7.88	3.81 B	13
14	2.458	1.808	1.858	8.23	8.21	6.83	2.33	0.181	0.038	8.88	7.37	3.46 B	14
15	4.57	3.258	3.858	5.44	7.84	5.37	2.11	0.153	2.11	7.83	6.57	2.87 B	15
16	4.08	2.408	5.258	5.58	8.44	4.62	1.86	0.158	0.783	8.25	8.22	2.35 B	16
17	3.61	2.188	4.488	8.46	5.61	4.10	1.87	0.128	1.28	8.38	8.04	2.08 B	17
18	3.33	2.018	4.88	8.53	4.83	3.61	1.78	0.108	1.10	5.31	8.88	1.78 B	18
19	2.85	1.848	5.31	9.42	3.80	3.19	1.52	0.097	0.886	4.38	8.58	1.53 B	19
20	2.73	1.828	5.778	9.20	3.33	2.73	1.35	0.091	0.878	3.84	8.84	1.36 B	20
21	5.88	3.458	7.71	8.06	2.83	2.33	1.24	0.831	1.01	4.57	13.7	1.27 B	21
22	3.558	14.6 B	8.68	7.17	2.46	1.98	1.11	0.257	0.878	4.58	11.7	1.18 B	22
23	3.208	18.0	7.748	8.42	2.12	1.71	0.958	0.280	0.815	4.24	11.1	1.12 B	23
24	3.17	15.5	6.84	5.52	1.81	1.48	0.818	0.285	0.782	4.18	10.0	1.07 B	24
25	2.888	13.0	11.0	4.82	1.78	1.31	0.721	0.207	0.884	3.82	8.44	1.03 B	25
26	3.308	10.3	10.7	4.63	1.71	1.18	0.817	0.172	2.34	3.58	8.88	0.9808	26
27	4.008	8.388	10.5	3.81	1.61	1.08	0.855	0.120	3.38	3.20	8.88	0.8408	27
28	2.888	8.778	11.5	3.49	1.56	1.38	0.748	0.118	1.77	2.85	7.81	0.8108	28
29	2.85		13.0	3.18	1.88	1.38	0.738	0.088	1.71	2.52	10.1	0.8828	29
30	2.63		13.0	2.81	1.54	1.04	0.688	0.389	1.77	2.28	7.71	0.8478	30
31	3.14		13.5		1.57		0.692	0.274		2.05		0.8188	31
TOTAL	87.41	127.25	188.85	283.59	148.16	123.55	39.884	7.817	23.874	139.05	218.40	109.878	TOTAL
MEAN	2.82	4.54	6.03	9.45	4.81	4.12	1.28	0.252	0.795	4.48	7.21	3.54	MEAN
MAX	6.68	18.5	13.5	21.5	12.3	8.62	4.80	0.631	3.38	12.4	13.7	9.44	MAX
MIN	1.10	1.23	1.85	2.81	1.54	1.04	0.492	0.088	0.038	1.45	2.42	0.818	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.08
MAXIMUM DAILY, 21.5 ON APR 8
MINIMUM DAILY, 0.038 ON SEP 14
MAXIMUM INSTANTANEOUS,
26.1 AT 23 16 AST ON OCT 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 53 N
LONG 63 38 45 W
DRAINAGE AREA, 148 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 550	JUL	3 440
FEB	11 000	AUG	675
MAR	16 100	SEP	2 060
APR	24 500	OCT	12 000
MAY	12 800	NOV	18 700
JUN	10 700	DEC	9 480

TOTAL DISCHARGE, 128 000 dam³

SALMON RIVER AT SALMON RIVER BRIDGE - STATION NO. 01FJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.948	2.858	6.748	12.0 B	8.86	1.03	1.22	0.558	0.815	4.03	1.88	8.808	1
2	2.808	2.578	5.808	21.4 B	8.31	0.990	0.885	0.482	0.830	3.04	2.01	5.808	2
3	2.678	2.488	4.528	18.0 B	12.4	0.888	0.658	0.391	1.51	2.55	2.43	4.458	3
4	2.578	2.418	3.908	16.2 B	17.2	1.10	0.724	0.354	1.78	12.0	14.8	5.408	4
5	2.488	2.378	3.468	21.5 B	10.4	1.20	0.623	0.328	1.24	12.2	15.9	5.208	5
6	2.408	2.308	3.208	30.0 B	8.90	1.20	0.530	0.328	0.802	8.81	8.02	4.088	6
7	2.348	2.258	5.188	42.3 B	5.26	1.01	0.488	0.387	0.893	8.08	10.5	3.858	7
8	2.278	2.188	4.508	53.5	12.2	0.955	0.507	0.702	0.878	7.78	11.2	3.828	8
9	3.908	2.148	3.808	42.9	18.8	1.70	0.571	1.08	0.482	8.77	7.87	8.208	9
10	10.4 B	2.108	2.908	31.1	13.5	2.87	0.804	0.982	0.448	24.5	16.5	5.008	10
11	8.208	2.068	2.408	21.2	8.88	5.32	7.20	0.747	0.416	17.4	22.7	4.158	11
12	5.888	2.018	2.008	14.8	8.60	14.5	19.5	0.805	0.404	31.7	14.8	3.808	12
13	8.008	1.978	1.708	13.6	8.18	8.80	10.2	0.520	0.385	48.6	14.7	3.358	13
14	12.3 B	1.958	1.548	13.2	6.35	5.83	5.89	0.484	0.385	20.6	10.6	3.088	14
15	8.208	1.848	1.488	10.4	3.82	3.85	4.84	0.820	3.03	9.77	9.06	2.848	15
16	14.5 B	2.338	1.758	11.1	3.44	2.88	4.28	0.501	18.5	8.35	11.0	2.738	16
17	11.0 B	3.128	2.308	18.6	2.84	2.86	3.17	0.488	10.3	5.42	14.1	2.888	17
18	6.178	2.808	5.308	37.1	2.52	2.41	3.24	0.441	6.54	4.82	15.6	2.678	18
19	8.208	2.418	6.008	28.4	2.19	2.00	3.27	0.346	4.83	4.06	12.8	2.378	19
20	5.178	2.008	4.108	37.2	1.89	1.80	2.82	0.320	3.38	3.38	12.7	2.288	20
21	4.588	1.728	3.608	34.2	1.88	1.30	2.38	0.287	2.77	2.84	12.8	2.188	21
22	4.308	4.008	3.308	20.7	1.80	1.28	1.84	0.423	2.38	7.80	22.6	2.108	22
23	3.958	28.0 B	3.088	15.7	1.80	1.22	1.68	0.430	1.87	10.7	17.0	2.028	23
24	3.788	21.0 B	2.908	12.7	1.60	1.13	1.31	0.844	1.82	7.00	10.8	1.858	24
25	3.608	16.7 B	4.808	11.7	1.38	1.15	1.06	1.07	1.38	4.87	7.88	1.888	25
26	3.338	11.0 B	7.408	10.2	1.37	1.58	0.933	1.24	1.22	3.88	5.81	1.828	26
27	3.188	8.408	8.008	10.2	1.32	2.83	0.807	1.08	17.2	3.20	5.28	1.788	27
28	3.048	7.808	6.808	10.2	1.25	2.78	0.747	0.881	18.7	2.75	4.74	1.888	28
29	2.908		4.208	8.88	1.23	2.09	0.874	0.741	8.48	2.43	16.2	1.848	29
30	2.828		3.858	8.84	1.21	1.61	0.884	0.587	5.88	2.18	18.4	1.818	30
31	2.728		7.008		1.08		0.818	0.712		2.05		1.588	31
TOTAL	181.28	145.88	133.37	648.03	170.72	78.873	83.804	18.887	118.733	287.93	354.78	108.85	TOTAL
MEAN	5.20	5.20	3.88	21.8	5.51	2.67	2.70	0.602	3.98	9.29	11.8	3.51	MEAN
MAX	14.5	28.0	7.40	53.5	18.8	14.5	19.5	1.24	18.7	48.6	22.7	8.80	MAX
MIN	2.27	1.72	1.48	8.84	1.08	0.955	0.488	0.287	0.385	2.05	1.88	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.31
MAXIMUM DAILY, 53.5 ON APR 8
MINIMUM DAILY, 0.287 ON AUG 21
MAXIMUM INSTANTANEOUS,
71.5 AT 01 08 AST ON APR 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 03 N
LONG 60 16 10 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	7 240
FEB	12 800	AUG	1 810
MAR	10 700	SEP	10 300
APR	58 100	OCT	24 800
MAY	14 800	NOV	30 700
JUN	5 810	DEC	9 400

TOTAL DISCHARGE, 189 000 dam³

SALMON RIVER AT UNION - STATION NO. 01DH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.828	5.108	8.808	11.1	10.4	3.05	1.75	0.847	1.38	2.81	5.33	10.8 B	1
2	1.878	5.708	7.108	16.8	13.0	2.75	1.22	0.883	2.80	2.31	8.67	10.2 B	2
3	1.808	4.708	8.208	12.0	25.0	2.88	1.88	0.478	2.20	1.88	8.28	10.0 B	3
4	1.428	3.858	8.708	17.5	18.3	2.48	1.23	0.432	1.17	12.1	11.8	13.0 B	4
5	1.338	3.108	8.008	32.2	12.9	2.89	0.861	0.428	0.788	12.4	8.13	11.5 B	5
6	1.288	2.858	4.408	48.1	11.4	2.84	0.888	0.388	0.844	7.81	6.83	10.2 B	6
7	1.188	2.378	3.958	88.8	38.8	2.81	0.840	0.428	0.807	5.78	18.1	8.808	7
8	1.148	2.158	3.808	47.8	48.0	2.38	0.810	0.800	0.832	5.88	10.8	8.708	8
9	3.208	1.888	3.258	38.1	82.5	2.48	0.748	0.481	0.488	8.78	8.89	8.208	9
10	4.908	1.828	2.888	24.2	88.0	11.8	0.848	0.433	0.458	4.88	18.2	7.708	10
11	3.308	1.878	2.878	18.7	34.3	10.2	4.08	0.421	0.423	8.71	14.8	7.108	11
12	3.008	1.558	2.488	15.8	23.8	8.26	5.06	0.352	0.478	51.1	18.7	6.808	12
13	3.508	1.438	2.328	13.7	18.8	6.81	4.03	0.193	0.474	22.8	14.7	6.508	13
14	4.208	1.388	2.328	13.4	15.7	4.81	2.12	0.527	0.488	13.2	12.2	6.008	14
15	3.908	3.508	2.808	11.8	13.1	3.87	1.78	1.78	2.02	8.78	16.8	5.788	15
16	5.508	4.008	12.0 B	11.7	10.2	3.38	1.30	0.852	8.84	8.88	27.8	5.438	16
17	5.008	3.488	7.708	20.7	8.37	4.28	1.08	0.781	3.78	8.88	31.7	5.108	17
18	4.508	2.808	4.708	18.7	7.01	3.83	1.84	0.578	4.38	8.84	24.7	4.888	18
19	3.808	2.408	4.308	18.8	8.23	3.34	1.58	0.482	2.74	8.48	20.8	4.888	19
20	3.308	2.208	4.008	23.8	8.47	2.83	1.08	0.408	2.27	4.73	15.8	4.428	20
21	3.808	5.008	5.808	17.4	4.87	2.44	0.881	1.87	3.88	7.81	20.2	4.188	21
22	3.588	10.0 B	11.3	14.5	4.40	2.33	0.853	3.03	3.08	11.8	20.8	3.908	22
23	3.288	33.0 B	8.04	14.0	4.18	1.84	0.747	2.10	2.43	8.38	13.7	3.508	23
24	3.008	44.0 B	8.11	13.0	3.88	1.57	0.618	4.82	2.15	8.24	11.2 B	3.108	24
25	2.808	37.0 B	8.33	12.2	3.70	1.88	0.570	3.18	2.03	8.48	10.2 B	3.408	25
26	2.478	28.0 B	13.8	11.3	4.40	1.70	0.834	3.23	1.93	4.88	8.308	3.288	26
27	3.408	20.0 B	11.0	10.4	4.31	1.88	0.534	2.48	1.50	4.85	8.408	3.188	27
28	4.108	14.0 B	18.8	10.3	4.02	1.48	0.488	1.48	11.8	4.44	8.308	3.088	28
29	3.808		28.7	10.0	4.07	2.34	0.889	0.858	8.89	4.34	17.0 B	2.918	29
30	3.708		18.4	9.88	8.01	2.41	1.20	0.826	3.95	4.08	13.0 B	2.838	30
31	4.208		12.3		3.77		0.805	0.893		3.81		2.788	31
TOTAL	97.48	238.81	238.20	825.88	485.08	108.13	43.071	34.858	75.875	258.04	427.84	192.41	TOTAL
MEAN	3.14	8.52	7.88	20.8	15.0	3.84	1.38	1.13	2.53	8.32	14.3	6.21	MEAN
MAX	5.50	44.0	28.7	88.8	88.0	11.8	5.08	4.82	11.8	51.1	31.7	13.0	MAX
MIN	1.14	1.38	2.32	9.88	3.70	1.48	0.488	0.193	0.423	1.88	8.28	2.78	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.78
MAXIMUM DAILY, 88.8 ON APR 7
MINIMUM DAILY, 0.193 ON AUG 13
MAXIMUM INSTANTANEOUS,
111 AT 10:38 AST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 54 N
LONG 83 07 33 W
DRAINAGE AREA, 267 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 420	JUL	3 720
FEB	20 800	AUG	3 020
MAR	20 800	SEP	8 580
APR	64 100	OCT	22 300
MAY	42 800	NOV	38 800
JUN	9 170	DEC	18 800

TOTAL DISCHARGE, 248 000 dam³

SHARPE BROOK AT LLOYDS - STATION NO. 01DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.378B	0.118B	0.084B	0.844	0.188	0.084	0.031	0.027	0.011E	0.042	0.085	0.283	1
2	0.300B	0.188B	0.088B	0.834	0.188	0.080	0.030	0.021	0.013E	0.038	0.078	0.240B	2
3	0.195B	0.102B	0.078B	0.473	0.172	0.188	0.034	0.018	0.028E	0.070	0.089	0.229B	3
4	0.108B	0.077B	0.075B	0.828	0.182	0.147	0.028	0.012	0.024E	0.100	0.132	0.213B	4
5	0.083B	0.068B	0.071B	1.02	0.140	0.118	0.024	0.011	0.027E	0.079	0.115	0.189B	5
6	0.078B	0.062B	0.087B	1.45	0.130	0.081	0.022	0.011	0.028E	0.078	0.100	0.180B	6
7	0.072B	0.058B	0.071B	1.83	0.440	0.074	0.018	0.010	0.023E	0.122	0.120	0.283	7
8	0.068B	0.058B	0.084B	0.848	0.418	0.101	0.017	0.014	0.013E	0.083	0.103	0.170B	8
9	0.087B	0.054B	0.088B	0.724	0.318	0.481	0.015	0.013	0.021E	0.072	0.137	0.149B	9
10	0.080B	0.052B	0.088B	0.620	0.270	0.313	0.023	0.010	0.023E	0.088	0.413	0.134B	10
11	0.072B	0.051B	0.068B	0.440	0.241	0.280	0.110	0.008	0.018E	0.110	0.311	0.123B	11
12	0.120B	0.048B	0.068B	0.385	0.215	0.232	0.078	0.007	0.008E	0.300	0.281	0.118B	12
13	0.147B	0.048B	0.064B	0.339	0.198	0.188	0.060	0.007	0.004E	0.208	0.201	0.110B	13
14	0.127B	0.047B	0.063B	0.316	0.180	0.125	0.038	0.082	0.002E	0.137	0.283	0.108	14
15	0.114B	0.095B	0.062B	0.288	0.171	0.102	0.068	0.110	0.018A	0.103	0.317	0.100B	15
16	0.132B	0.064B	0.683B	0.296	0.148	0.084	0.043	0.080	0.242	0.086	0.438	0.095B	16
17	0.114B	0.058B	0.380B	0.481	0.130	0.084	0.048	0.038	0.153	0.093	0.470	0.091B	17
18	0.107B	0.051B	0.180B	0.408	0.118	0.088	0.078	0.028	0.217	0.148	0.381	0.087B	18
19	0.093B	0.047B	0.270B	0.388	0.104	0.085	0.080	0.028A	0.135	0.126	0.489	0.084B	18
20	0.088B	0.045B	0.238B	0.388	0.091	0.074	0.040	0.022E	0.082	0.104	0.381	0.079B	20
21	0.078B	0.120B	0.183B	0.326	0.081	0.089	0.040	0.020E	0.071	0.113	0.708	0.078B	21
22	0.080B	1.20 B	0.217B	0.283	0.071	0.049	0.028	0.018E	0.068	0.128	0.887	0.072B	22
23	0.080B	0.440B	0.184B	0.278	0.083	0.042	0.021	0.012E	0.042	0.108	0.425	0.068B	23
24	0.072B	0.280B	0.163B	0.258	0.059	0.038	0.016	0.009E	0.044	0.084	0.334	0.068B	24
25	0.068B	0.200B	0.184B	0.242	0.138	0.037	0.013	0.007E	0.038	0.082	0.294	0.083	25
26	0.065B	0.163B	0.320B	0.234	0.126	0.035	0.011	0.008E	0.077	0.072	0.266	0.061B	26
27	0.171B	0.138B	0.481	0.219	0.158	0.031	0.106	0.004E	0.178	0.086	0.244	0.059B	27
28	0.277	0.117B	0.871	0.201	0.134	0.040	0.280	0.002E	0.108	0.082	0.313	0.057B	28
29	0.123		1.51	0.186	0.100	0.084	0.128	0.002E	0.073	0.088	0.578	0.088B	28
30	0.081		0.488B	0.173	0.078	0.042	0.082	0.008E	0.084	0.088	0.384	0.054B	30
31	0.092		0.404B		0.072		0.038	0.014E		0.084		0.053B	31
TOTAL	3.767	4.027	7.727	14.780	5.080	3.400	1.883	0.839	1.825	3.088	8.028	3.737	TOTAL
MEAN	0.122	0.144	0.249	0.483	0.183	0.113	0.050	0.021	0.081	0.088	0.301	0.121	MEAN
MAX	0.378	1.20	1.51	1.83	0.440	0.481	0.280	0.110	0.242	0.300	0.708	0.283	MAX
MIN	0.065	0.045	0.062	0.173	0.059	0.031	0.011	0.002	0.002	0.035	0.085	0.053	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.181
MAXIMUM DAILY, 1.83 ON APR 7
MINIMUM DAILY, 0.002E ON AUG 28
MAXIMUM INSTANTANEOUS,
1.98 AT 05:20 AST ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 30 N
LONG 64 38 14 W
DRAINAGE AREA, 8.81 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	325	JUL	135
FEB	346	AUG	85.2
MAR	668	SEP	158
APR	1 280	OCT	284
MAY	437	NOV	740
JUN	284	DEC	323

TOTAL DISCHARGE, 5 070 dam³

NOVA SCOTIA

SHUBENACADIE RIVER AT ENFIELD - STATION NO. 01DG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.288	5.08	8.10E	24.1	10.4	6.80	4.41	2.70	0.533	0.881	6.04	18.5	1
2	5.068	5.03	8.30E	24.7	8.88	6.40	3.88	2.38	0.884	0.824	8.23	17.2	2
3	5.808	5.81	7.70E	23.3	11.4	7.08	3.84	2.54	0.855	0.785	8.11	16.4	3
4	5.578	5.81	7.20E	25.9	10.5	7.45	4.25	2.48	0.548	1.08	8.44	18.0	4
5	5.418	5.84	7.20E	28.9	9.88	7.58	4.01	2.40	0.488	1.08	8.83	18.1	5
6	5.358	5.85	7.10E	31.2	10.0	7.84	3.88	2.20	0.470	1.27	8.89	18.6	6
7	5.318	5.83	6.70E	40.0	14.8	7.39	3.85	2.17	0.427	1.64	8.74	18.8	7
8	5.38	5.38	6.10E	41.8	24.8	7.87	3.88	2.00	0.440	1.83	8.84	18.2	8
9	5.52	5.24	5.70E	38.0	37.8	11.0	3.87	1.83	0.388	2.04	7.22	18.0	9
10	5.418	5.37	5.30E	35.3	43.2	11.0	3.88	1.70	0.348	2.87	8.48	14.2	10
11	5.388	4.88	5.00E	33.2	34.7	11.2	4.02	1.68	0.183	3.28	9.10	13.3	11
12	5.868	4.82	4.75E	30.6	28.8	11.0	3.88	1.48	0.288	12.8	8.82	12.8	12
13	5.52	4.81	4.40E	28.0	27.6	11.3	3.80	1.41	0.242	8.88	10.1	11.7	13
14	5.808	4.78	4.80E	26.8	27.0	11.3	3.82	1.43	0.228	7.30	10.4	10.7	14
15	5.32	5.08	5.30E	23.7	27.3	11.1	3.88	1.73	0.345	7.84	11.1	9.88	15
16	5.28	5.18	8.88A	22.0	24.3	11.2	3.81	1.88	0.432	7.81	14.7	9.12	16
17	5.31	4.888	10.0	24.1	21.1	11.1	3.38	2.28	0.482	8.01	18.0	8.80	17
18	5.32	4.838	10.2	23.0	18.1	11.1	3.42	2.80	0.530	7.88	18.0	8.08	18
19	5.32	4.808	11.2	22.7	17.3	10.4	3.40	1.71	0.383	8.00	18.4	7.48	19
20	5.30	5.06	10.9	22.8	16.6	9.81	3.28	0.838	0.284	8.02	18.3	8.888	20
21	5.158	5.14	11.8	21.8	14.2	9.03	3.26	0.938	0.285	8.87	21.5	8.46	21
22	8.288	17.7	13.8	20.3	13.1	8.28	3.23	1.02	0.267	8.16	26.8	8.188	22
23	5.88	24.0 E	13.7	18.8	12.8	7.83	3.10	0.880	0.274	8.71	22.6	8.878	23
24	5.60	18.5 E	13.3	18.1	12.1	7.62	2.98	0.818	0.318	8.26	21.8	8.35E	24
25	5.78	15.5 E	15.2	18.1	11.6	8.89	3.01	0.800	0.284	7.83	21.0	8.05E	25
26	8.288	13.3 E	18.1	15.2	10.7	8.39	2.86	0.788	0.445	7.58	20.0	4.78E	26
27	6.87	12.0 E	18.2	14.1	9.78	6.08	2.81	0.672	0.818	7.25	19.1	4.60E	27
28	6.00	11.0 E	20.7	12.6	9.81	5.84	2.80	0.643	0.621	8.83	18.7	4.25E	28
29	5.85		25.8	11.7	9.80	5.46	2.88	0.815	0.808	6.81	21.4	4.05E	29
30	5.85		23.7	11.0	9.18	4.75	2.80	0.588	0.838	8.34	19.2	3.87E	30
31	5.98		23.1		7.88		2.83	0.581		8.08		3.70E	31
TOTAL	178.14	222.71	343.83	728.4	546.82	257.31	108.85	47.785	12.411	178.330	409.21	321.02	TOTAL
MEAN	5.65	7.95	11.1	24.3	17.6	8.58	3.50	1.54	0.414	5.89	13.8	10.4	MEAN
MAX	8.28	24.0	25.8	41.8	43.2	11.3	4.41	2.70	0.838	12.8	26.8	18.8	MAX
MIN	5.18	4.80	4.40	11.0	7.88	4.75	2.80	0.581	0.183	0.824	8.04	3.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.18
MAXIMUM DAILY, 43.2 ON MAY 10
MINIMUM DAILY, 0.183 ON SEP 11
MAXIMUM INSTANTANEOUS,
45.8 AT 14:07 AST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 55 55 N
LONG 63 32 04 W
DRAINAGE AREA, 389 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 100	JUL	9 380
FEB	19 200	AUG	4 130
MAR	28 700	SEP	1 070
APR	83 000	OCT	15 200
MAY	47 200	NOV	38 400
JUN	22 200	DEC	27 700

TOTAL DISCHARGE, 288 000 dam³

SOUTH RIVER AT ST. ANDREWS - STATION NO. 01DR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.18 B	1.14 B	3.508	14.8	3.08	1.31	0.787	0.623	0.437	0.837	1.82	5.62	1
2	1.18 B	1.10 B	2.828	15.8	3.08	1.18	0.848	0.808	0.800	0.759	1.58	5.58	2
3	1.10 B	1.07 B	2.588	8.828	4.82	1.52	0.801	0.884	0.852	1.57	1.47	5.09 B	3
4	1.06 B	1.03 B	2.548	11.3 B	4.83	1.44	0.888	0.844	0.458	8.27	2.48	4.70 B	4
5	1.02 B	1.00 B	2.758	18.8 E	3.81	1.56	0.820	0.681	0.388	3.05	2.42	4.40 B	5
6	0.8858	0.8408	4.278	27.3	3.26	1.30	0.786	0.824	0.381	2.04	2.05	4.32 B	6
7	0.8308	0.8508	4.138	36.4	3.43	1.18	0.734	0.840	0.488	1.88	4.53	4.83 B	7
8	4.00 B	0.8208	3.218	28.7	57.4	1.71	1.11	0.882	0.437	1.87	3.82	5.11 B	8
9	13.2 B	0.8008	2.638	23.3	46.7	8.81	1.11	0.588	0.401	2.48	3.37	4.00 B	9
10	10.5 B	0.8708	2.188	14.1	37.1	4.88	0.879	0.485	0.382	5.78	7.27	3.28 B	10
11	8.30 B	0.8508	1.888	10.3	18.3	3.78	8.25	0.448	0.388	4.84	7.42	2.23 B	11
12	6.80 B	0.8208	1.838	8.18	11.0	3.84	3.82	0.423	0.368	42.8	7.41	1.80 B	12
13	8.20 B	0.8508	1.698	8.88	8.08	3.12	2.82	0.488	0.388	23.5	8.80	1.50 B	13
14	14.1 B	1.85 B	1.178	8.73	8.28	2.48	2.07	0.528	0.351	12.8	8.40	1.26 B	14
15	7.80 B	3.87 B	2.868	8.88	2.00	1.83	0.842	1.88		8.78	8.83	1.13 B	15
16	5.80 B	2.82 B	12.5 B	8.80	8.87	1.47	1.25	0.480	2.38	8.38	11.4	0.8708	16
17	4.80 B	2.38 B	8.138	13.2	8.43	2.87	1.08	0.448	1.13	8.20	12.4	0.8808	17
18	3.80 B	2.10 B	7.868	12.8	4.84	2.13	1.30	0.388	0.832	4.80	10.8	0.8378	18
19	3.00 B	2.10 B	6.138	8.87	3.84	1.83	1.17	0.382	0.702	4.12	11.8	0.8008	19
20	2.43 B	2.17 B	4.788	10.8	3.34	1.55	0.938	0.408	0.805	3.61	8.53	0.7588	20
21	2.10 B	3.78 B	4.848	8.35	2.98	1.48	0.888	0.481	0.572	3.88	14.1	0.7208	21
22	1.80 B	31.4 B	8.938	8.88	2.83	1.58	0.818	0.518	0.588	4.88	18.2	0.8838	22
23	1.72 B	28.6 B	7.088	8.00	2.51	1.32	0.728	0.408	0.717	4.30	8.87	0.8628	23
24	1.81 B	18.3 B	4.908	8.38	2.28	1.18	0.837	0.443	0.782	3.48	7.81	0.8388	24
25	1.82 B	10.4 B	8.388	4.87	2.08	1.12	0.818	0.408	0.887	3.00	8.31	0.8108	25
26	1.48 B	7.40 B	18.2 B	4.43	1.93	1.11	0.886	0.408	0.808	2.83	5.48	0.8888	26
27	1.37 B	5.41 B	12.4 B	4.07	1.78	1.05	0.880	0.418	8.82	2.37	5.00	0.8848	27
28	1.32 B	4.27 B	18.2 B	3.87	1.86	0.828	0.873	0.384	3.07	2.11	5.47	0.8448	28
29	1.28 B		22.0 B	3.38	3.10	0.838	0.808	0.304	2.00	1.81	13.1	0.8288	29
30	1.21 B		14.7 B	3.20	1.83	0.888	0.783	0.484	1.22	1.75	8.81	0.8118	30
31	1.17 B		10.3		1.57		0.870	0.808		1.81		0.4908	31
TOTAL	114.415	137.220	210.87	337.41	282.08	81.844	38.018	14.878	30.038	173.906	212.17	88.838	TOTAL
MEAN	3.89	4.80	6.80	11.2	8.45	2.05	1.23	0.480	1.00	5.81	7.07	2.15	MEAN
MAX	14.1	31.4	22.0	35.4	57.4	8.81	8.25	0.882	8.52	42.5	18.2	8.82	MAX
MIN	0.930	0.820	1.17	3.20	1.57	0.888	0.680	0.304	0.351	0.759	1.47	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.55
MAXIMUM DAILY, 57.4 ON MAY 8
MINIMUM DAILY, 0.304 ON AUG 28
MAXIMUM INSTANTANEOUS,
90.6 AT 17:33 AST ON MAY 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 35 N
LONG 81 54 15 W
DRAINAGE AREA, 177 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 880	JUL	3 280
FEB	11 900	AUG	1 280
MAR	18 200	SEP	2 800
APR	28 200	OCT	15 000
MAY	22 800	NOV	18 300
JUN	8 350	DEC	8 780

TOTAL DISCHARGE, 143 000 dam³

SOUTHWEST MARGAREE RIVER NEAR UPPER MARGAREE - STATION NO. 01FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.8	12.4 B	15.3	16.1	27.5	16.5	8.48	4.23	3.88	5.18	8.88	18.4	1
2	15.8	12.4 B	15.0	16.7	28.8	16.2	8.38	4.07	4.37	5.13	8.48	18.1	2
3	15.2	12.4 B	14.8	15.2	34.3	15.8	8.15	3.88	4.08	5.31	8.40	18.0	3
4	14.8	12.2 B	14.0	15.5	32.2	15.2	8.22	3.88	3.82	5.33	9.25	18.8	4
5	14.7	12.0 B	14.1	18.8	30.8	14.7	8.00	3.88	3.88	5.84	8.85	18.3	5
6	14.5	11.8 B	14.1	28.3	30.2	14.0	8.80	3.82	3.57	5.75	8.80	17.8	6
7	14.5	11.8 B	13.8	38.8	31.4	13.8	8.52	3.81	3.54	6.47	10.1	18.2	7
8	14.5	11.4 B	13.6	34.8	34.8	13.1	8.24	3.78	3.38	6.88	9.08	18.4	8
9	17.3	11.2 B	13.3	34.3	38.2	13.0	8.08	3.62	3.71	8.04	9.14	21.2	9
10	15.5	11.0 B	12.8	32.2	38.7	12.1	8.88	3.38	3.13	9.17	10.8	20.8	10
11	15.2	10.8 B	12.8	31.4	35.3	11.8	8.41	3.28	3.08	8.08	10.1	18.2	11
12	15.0	10.5 B	12.2	30.4	34.0	12.3	7.81	3.18	2.82	10.6	11.7	18.2	12
13	18.8	10.3 B	11.8	28.8	32.5	12.4	8.89	3.17	2.83	9.89	11.6	18.4	13
14	17.1	10.2 B	11.7	28.1	31.1	11.3	8.62	3.18	2.81	8.82	11.4	18.4	14
15	17.1	10.0 B	11.8	28.4	30.4	10.8	8.31	2.98	4.40	9.21	12.1	17.2	15
16	17.8	9.808	13.2	27.7	30.3	10.8	8.20	2.85	4.22	8.18	18.1	16.8	16
17	16.8	9.608	12.8	27.8	28.2	10.4	8.13	2.88	4.02	8.70	18.1	16.4	17
18	16.7	9.408	12.4	27.4	27.7	10.1	8.13	2.80	4.12	8.38	15.8	18.1	18
19	16.3	9.20	12.8	27.4	26.7	9.88	8.07	2.86	3.83	8.87	16.7	16.7	19
20	16.8	8.84	12.5	28.8	25.8	9.18	5.77	2.37	3.88	8.79	18.4	16.3	20
21	16.7	10.3	12.5	28.1	24.5	9.05	5.66	2.58	4.13	9.21	18.8	15.0	21
22	15.1	17.4	12.8	27.8	23.7	8.88	5.43	2.80	4.08	11.2	20.8	14.58	22
23	14.4	18.5	12.3	27.7	22.8	8.80	5.30	2.83	4.35	10.2	18.6	14.38	23
24	14.4	18.8	12.1	27.1	22.0	8.42	5.18	3.34	4.20	10.1	18.2	13.88	24
25	14.3	18.2	12.0	26.8	21.4	7.84	5.15	4.28	3.85	9.83	18.3	13.78	25
26	14.1	15.1	12.8	25.5	20.7	7.51	4.88	5.81	4.10	9.82	18.5	13.48	26
27	14.1	15.8	13.0	25.2	19.8	7.81	4.88	4.34	5.83	9.41	18.2	13.28	27
28	13.8	15.7	13.6	25.8	18.8	7.48	4.85	3.81	5.88	9.13	18.2	13.08	28
29	13.6		18.8	25.2	18.7	7.25	4.67	3.82	5.74	9.00	18.7	12.88	29
30	13.38		14.8	28.8	17.8	6.88	4.58	3.81	5.41	8.78	18.8	12.88	30
31	13.08		14.8		17.1		4.32	3.83		8.61		12.48	31
TOTAL	474.8	346.44	410.3	803.3	880.3	332.33	177.62	108.58	121.40	284.47	430.08	508.8	TOTAL
MEAN	15.3	12.3	13.2	28.8	27.8	11.1	5.73	3.50	4.05	8.53	14.0	16.4	MEAN
MAX	18.8	18.5	15.8	38.4	38.2	16.5	7.81	5.81	5.83	11.2	20.8	21.2	MAX
MIN	13.0	8.84	11.7	16.1	17.1	8.88	4.32	2.37	2.81	5.13	8.40	12.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.2
MAXIMUM DAILY, 38.8 ON APR 7
MINIMUM DAILY, 2.37 ON AUG 20
MAXIMUM INSTANTANEOUS,
44.8 AT 18.32 AST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 13 24 N
LONG 61 08 12 W
DRAINAGE AREA, 357 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	41 000	JUL	15 300
FEB	29 800	AUG	9 380
MAR	35 400	SEP	10 600
APR	69 400	OCT	22 800
MAY	74 300	NOV	36 300
JUN	28 700	DEC	44 000

TOTAL DISCHARGE, 417 000 dam³

ST. MARYS RIVER AT STILLWATER - STATION NO. 01ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.88	22.6	45.48	88.2	38.2	9.02	8.22	4.83	4.81	25.8	18.1	44.78	1
2	17.48	21.1 B	36.88	107	38.1	8.18	8.35	3.88	5.08	18.8	18.2	38.88	2
3	18.08	20.6 B	29.18	95.8	51.1	12.8	4.78	3.47	8.20	18.8	17.8	35.38	3
4	14.38	17.6 B	24.28	83.8	71.4	18.2	4.88	3.01	7.84	24.8	18.2	48.2	4
5	12.78	16.4 B	23.78	131	88.7	18.1	4.43	2.73	6.37	74.8	20.7	48.88	5
6	11.88	15.2 B	26.88	178	47.8	18.2	4.27	2.41	5.07	81.8	18.4	35.38	6
7	11.88	13.8 B	25.88	248	43.8	15.8	3.81	4.58	4.38	41.2	21.8	33.08	7
8	12.8	12.3 B	23.78	284	183	15.8	3.72	4.08	3.77	37.1	28.3	31.88	8
9	24.8	11.2 B	22.78	288	443	38.8	4.31	8.48	3.22	34.2	27.7	30.88	9
10	35.8	10.8 B	21.18	174	328	85.2	4.88	4.88	2.88	48.1	37.8	29.18	10
11	32.2	9.488	18.78	118	208	48.8	20.8	3.87	2.28	44.1	48.8	28.88	11
12	26.88	9.408	16.88	88.7	133	48.7	40.8	3.43	2.38	188	47.8	26.28	12
13	28.1	9.138	17.48	71.4	97.8	40.1	32.8	2.87	2.08	227	58.8	23.28	13
14	34.18	9.108	14.78	62.7	77.1	31.8	24.8	2.70	1.88	138	48.8	21.88	14
15	33.8	13.3	14.38	58.4	78.8	25.8	18.8	10.8	7.48	88.8	45.8	20.18	15
16	38.8	15.8	28.8	84.1	85.2	20.8	14.1	24.8	41.1	83.8	83.2	18.88	16
17	42.2	18.8 B	88.4	77.2	82.3	22.7	11.8	14.2	40.2	80.7	83.8	18.8	17
18	34.2	14.2 B	78.4	104	43.8	23.7	10.2	9.13	31.7	46.7	110	18.8	18
19	27.7	11.8 B	85.2	85.4	38.8	21.1	10.2	8.23	24.4	41.4	88.8	17.8	19
20	20.88	10.8 B	82.4	88.2	28.8	18.8	9.82	4.43	18.8	34.8	88.8	17.8	20
21	18.48	10.1	44.1	88.3	24.2	14.8	8.31	3.87	14.8	30.8	81.8	17.48	21
22	16.88	88.8	88.8	73.8	20.7	12.3	8.88	4.88	13.2	38.8	148	16.48	22
23	16.48	285	88.88	83.8	17.8	10.8	8.84	8.25	11.2	38.8	118	18.88	23
24	15.88	188	88.88	88.4	16.3	9.84	5.14	10.8	9.58	32.8	78.2	15.88	24
25	15.28	114	88.4	84.8	13.7	8.28	4.88	12.8	8.41	28.8	88.8	15.28	25
26	14.38	82.7 B	118	88.8	13.8	7.88	4.28	8.28	8.82	24.7	82.4	14.78	26
27	18.2	83.8 B	128	48.1	12.7	7.87	3.81	7.17	83.1	21.2	47.3	14.8	27
28	24.8	48.3 B	127	43.1	11.7	7.87	3.48	8.77	72.3	18.1	42.3	13.88	28
29	24.8		188	40.7	12.3	7.15	4.15	4.88	48.8	17.8	88.8	12.78	29
30	21.3		157	38.8	12.4	7.15	4.78	4.88	38.8	18.8	83.88	12.38	30
31	21.1		108		10.8		4.88	4.84		15.8		11.88	31
TOTAL	701.7	1 188.88	1 745.8	3 048.2	2 289.8	800.52	283.43	188.48	488.23	1 803.7	1 874.8	744.4	TOTAL
MEAN	22.8	41.4	88.3	102	74.2	28.8	8.47	8.43	18.8	81.8	88.8	24.8	MEAN
MAX	42.3	285	188	284	443	88.2	48.8	24.8	72.3	227	148	48.8	MAX
MIN	11.8	8.18	14.3	34.8	18.8	7.15	3.48	2.41	1.88	15.8	15.1	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.8
MAXIMUM DAILY, 443 ON MAY 8
MINIMUM DAILY, 1.88 ON SEP 14
MAXIMUM INSTANTANEOUS,
472 AT 07:31 AST ON MAY 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 24 N
LONG 61 58 54 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	80 800	JUL	25 400
FEB	100 000	AUG	17 200
MAR	151 000	SEP	43 000
APR	263 000	OCT	139 000
MAY	198 000	NOV	148 000
JUN	81 800	DEC	84 300

TOTAL DISCHARGE, 1 280 000 dam³

NOVA SCOTIA

TUSKET RIVER AT WILSON'S BRIDGE - STATION NO. 01EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.4	44.5	80.9	68.2	24.7	18.4	18.8	5.27	1.41	6.88	11.4	80.5	1
2	80.0	41.5	51.8	73.7	23.4	18.0	17.3	5.07	1.35	5.15	10.9	83.6	2
3	64.5	38.0	44.6	75.8	22.4	17.3	17.5	4.74	1.31	5.23	10.4	60.6	3
4	49.4	37.8	38.1	78.8	21.8	16.7	17.3	4.42	1.27	5.88	11.0	55.8	4
5	43.8	35.5	33.5	78.1	20.6	16.8	17.2	4.18	1.18	7.24	11.4	50.9	5
6	39.6	32.9	31.4	75.6	19.8	16.2	16.4	4.10	1.09	8.11	11.8	46.08	6
7	35.9	30.0	29.5	80.0	20.1	15.1	15.7	3.85	1.04	9.85	12.0	43.08	7
8	34.3	28.0	28.6	90.0	20.9	14.7	15.0	3.82	1.01	10.7	12.3	39.08	8
9	33.3	26.6	27.5	88.0	22.2	13.8	14.1	3.87	1.00	11.0	14.0	36.58	9
10	32.9	24.6	28.4	87.8	24.6	19.1	13.3	3.84	0.984	10.4	21.5	33.88	10
11	32.9	23.2	28.98	88.1	27.1	19.5	13.7	3.43	0.912	9.74	34.0	30.58	11
12	32.4	21.7	26.88	78.7	28.6	18.7	13.1	3.23	0.838	9.52	50.0	27.68	12
13	35.4	20.7	25.6	84.8	28.8	19.6	12.2	3.03	0.768	8.80	85.6	25.88	13
14	38.8	21.0	23.8	88.7	33.8	19.2	11.8	2.84	0.750	8.18	88.8	23.28	14
15	42.0	23.8	22.8	80.1	36.5	18.8	11.0	2.82	0.837	7.48	83.8	21.78	15
16	50.4	28.6	24.8	65.5	34.9	19.2	10.2	2.80	0.884	8.84	89.1	20.4	16
17	85.7	34.5	27.5	43.5	31.5	18.8	10.1	2.88	1.01	8.88	89.5	18.3	17
18	58.4	38.1	32.8	42.8	28.0	17.5	10.4	2.84	1.03	8.02	83.7	18.2	18
19	55.0	40.0	44.3	43.0	26.2	16.4	10.1	2.43	0.885	8.32	88.3	18.78	19
20	53.5	38.5	56.1	42.7	23.1	19.2	9.80	2.41	0.833	8.78	89.3	18.08	20
21	45.58	36.4	67.8	41.3	20.8	19.7	9.31	2.33	0.844	10.1	88.2	15.48	21
22	45.6	43.8	76.3	38.8	18.6	19.8	8.75	2.27	0.909	12.5	86.2	14.88	22
23	37.9	83.9	80.4	37.0	18.7	18.8	8.31	2.12	0.878	14.5	84.0	14.58	23
24	38.2	107	78.5	34.9	18.8	17.5	7.82	2.03	1.11	16.3	80.9	14.08	24
25	41.3	138	74.0	36.2	18.1	15.9	7.48	1.86	1.78	17.6	85.9	13.88	25
26	38.3	123	69.1	36.0	17.8	14.4	7.20	1.72	3.06	18.1	80.8	13.28	26
27	39.2	93.5	65.8	33.8	17.7	13.3	6.88	1.51	4.13	17.4	45.6	12.88	27
28	41.2	74.6	63.6	30.7	17.8	13.9	6.80	1.46	4.48	16.3	42.7	12.48	28
29	44.7		61.7	28.8	17.8	14.6	6.38	1.42	4.58	14.8	48.9	12.18	29
30	47.2		59.7	26.4	18.2	15.3	6.00	1.48	4.83	13.4	52.7	11.88	30
31	47.2		62.3		18.5		5.81	1.52		12.1		11.88	31
TOTAL	1 372.2	1 312.8	1 444.5	1 708.8	718.6	527.0	352.77	91.36	47.268	326.29	1 282.7	855.5	TOTAL
MEAN	44.3	46.9	46.6	57.0	23.2	17.9	11.4	2.95	1.58	10.5	42.8	27.6	MEAN
MAX	83.4	138	80.4	90.0	36.5	19.8	17.5	5.27	4.83	18.1	89.3	83.6	MAX
MIN	32.4	20.7	22.8	26.4	16.7	13.3	5.81	1.42	0.750	4.89	10.4	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.5
MAXIMUM DAILY, 139 ON FEB 25
MINIMUM DAILY, 0.750 ON SEP 14
MAXIMUM INSTANTANEOUS,
142 AT 15:02 AST ON FEB 25

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 24 N
LONG 65 52 12 W
DRAINAGE AREA, 1 070 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	118 000	JUL	30 500
FEB	113 000	AUG	7 900
MAR	125 000	SEP	4 080
APR	148 000	OCT	28 200
MAY	62 100	NOV	111 000
JUN	45 600	DEC	73 900

TOTAL DISCHARGE, 886 000 dam³

WALLACE RIVER AT WENTWORTH CENTRE - STATION NO. 01DN004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.188	2.758	8.308	20.2	13.5	3.88	2.32	1.13	1.04	1.27	2.68	10.0 B	1
2	2.008	3.108	7.36	25.5	15.2	3.85	2.21	1.13	1.35	1.20	3.24	9.008	2
3	1.838	2.708	7.008	16.5	17.9	3.78	2.80	1.13	1.38	2.48	2.88	8.108	3
4	1.708	2.508	6.758	28.1	15.6	3.54	2.29	1.02	1.04	5.74	8.81	7.908	4
5	1.548	2.308	6.37	47.0	12.9	3.24	1.98	1.08	0.890	3.08	5.81	7.808	5
6	1.578	2.138	3.908	71.0	11.2	2.77	1.88	1.07	0.780	2.32	4.40	7.208	6
7	1.508	2.008	8.008	118	47.6	4.54	1.85	1.02	0.710	2.01	7.22	6.808	7
8	1.858	1.878	7.508	61.7	46.6	7.58	1.78	1.01	0.690	1.84	5.44	6.508	8
9	2.508	1.778	7.19	38.9	42.8	23.4	1.72	0.961	0.615	1.62	4.22	6.208	9
10	2.408	1.888	6.81	27.6	52.2	11.7	1.57	0.883	0.580	1.50	26.0	5.808	10
11	2.058	1.608	5.808	21.8	30.5	13.4	3.58	0.838	0.548	1.77	17.2	5.508	11
12	3.408	1.538	5.35	17.4	21.0	15.1	8.23	0.847	0.525	14.0	13.6	5.108	12
13	3.058	1.478	4.758	16.1	18.7	10.7	4.34	0.882	0.508	10.3	10.7	4.808	13
14	2.708	1.388	4.308	14.7	16.5	8.05	2.87	0.808	0.700	7.23	10.1	4.508	14
15	4.008	2.258	5.48	13.0	12.8	6.53	4.56	0.841	2.20	5.58	12.8	4.358	15
16	8.208	1.988	21.5	13.2	10.8	6.88	3.22	0.875	2.65	4.58	23.1	4.108	16
17	5.808	1.808	18.7	32.8	9.13	8.82	2.50	1.34	1.94	4.35	21.5	3.908	17
18	5.108	1.648	12.3	29.3	7.85	7.16	3.08	0.950	2.85	4.22	17.0	3.708	18
19	4.708	1.518	8.98	24.4	7.01	8.13	2.31	0.880	1.83	3.82	18.2	3.508	19
20	4.408	1.988	9.43	30.3	6.33	8.08	2.20	0.800	1.30	3.48	14.0	3.288	20
21	4.058	9.508	7.13	21.8	5.73	4.81	1.94	0.785	1.54	3.80	15.7	3.058	21
22	3.858	36.0 B	7.61	18.4	5.28	4.08	1.82	0.750	1.27	8.24	18.5	2.808	22
23	3.808	21.0 B	9.28	16.4	4.71	3.55	1.48	0.840	1.04	4.08	13.8	2.758	23
24	3.418	15.1	7.72	14.4	4.32	3.27	1.38	0.780	1.13	3.47	11.8	2.808	24
25	3.158	11.1	7.72	13.1	8.87	3.10	1.23	0.755	1.31	3.11	8.80	2.488	25
26	2.908	8.83	14.5	11.8	8.45	3.27	1.16	0.710	1.19	2.80	8.41	2.808	26
27	3.408	8.208	15.0	11.1	8.13	2.89	1.17	0.675	3.49	2.68	7.78	2.558	27
28	4.408	8.808	26.4	11.1	7.08	2.81	1.14	0.850	2.27	2.75	7.35	2.368	28
29	3.408		55.9	10.8	7.34	3.20	1.27	0.830	1.68	2.88	14.2	2.168	29
30	2.908		33.7	11.9	5.35	2.88	1.18	0.810	1.37	2.71	10.7	2.028	30
31	2.408		18.7		4.84		1.15	0.880		2.48		1.958	31
TOTAL	97.83	180.47	371.21	806.1	481.68	189.78	89.83	27.952	40.318	118.17	348.42	145.67	TOTAL
MEAN	3.15	6.73	12.0	26.9	15.5	6.33	2.26	0.902	1.34	3.81	11.6	4.70	MEAN
MAX	8.20	36.0	55.8	118	52.2	23.4	8.23	1.34	3.49	14.0	26.0	10.0	MAX
MIN	1.50	1.38	4.30	10.8	4.22	2.88	1.14	0.810	0.800	1.20	2.58	1.95	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.83
MAXIMUM DAILY, 118 ON APR 7
MINIMUM DAILY, 0.800 ON SEP 13
MAXIMUM INSTANTANEOUS,
138E AT 11:55 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 42 N
LONG 63 33 36 W
DRAINAGE AREA, 298 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 450	JUL	6 940
FEB	13 900	AUG	2 420
MAR	32 100	SEP	3 480
APR	69 800	OCT	10 200
MAY	41 500	NOV	30 200
JUN	18 400	DEC	12 600

TOTAL DISCHARGE, 247 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 123 IS DUE TO CURVE EXTENSION

WESTFIELD RIVER NEAR NORTH BROOKFIELD - STATION NO. 01EE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.38	2.488	6.98	10.8	2.86	2.07	1.73	0.382	0.068	0.288	1.48	5.68	1
2	3.28	2.708	8.00	10.8	2.43	1.98	1.78	0.280	0.068	0.318	1.48	5.60	2
3	3.23	2.488	8.28	10.8	2.31	2.40	1.80	0.238	0.068	0.488	1.48	5.58	3
4	2.888	2.318	8.838	10.7	2.33	2.82	1.71	0.202	0.068	0.678	1.80	5.78	4
5	2.880	2.208	9.838	11.3	2.09	2.87	1.88	0.188	0.038	0.783	1.81	5.47	5
6	2.378	2.038	9.888	12.0	2.01	3.02	1.85	0.181	0.038	0.805	1.84	5.20	6
7	2.228	1.948	9.228	12.8	2.78	2.80	1.38	0.211	0.035	1.01	1.67	5.18	7
8	2.108	1.838	9.008	13.7	8.44	3.14	1.41	0.282	0.033	1.08	1.88	5.02	8
9	3.32	1.748	8.788	12.4	7.84	3.48	1.34	0.238	0.030	1.13	1.84	4.88	9
10	3.23	1.858	8.828	12.2	8.31	3.74	1.28	0.220	0.028	1.14	2.88	4.38	10
11	3.14	1.888	8.438	10.9	7.83	4.03	1.48	0.188	0.022	1.22	4.18	4.00	11
12	3.088	1.808	8.318	9.41	7.00	4.15	1.32	0.180	0.020	1.48	5.24	3.88	12
13	2.188	1.438	8.188	8.08	6.86	4.00	1.18	0.181A	0.020	1.47	5.88	3.33	13
14	3.308	1.488	8.14	8.80	7.81	3.81	1.10	0.188E	0.017	1.48	5.81	3.04	14
15	3.47	1.838	8.01	8.07	7.72	3.41	1.02	0.188E	0.084	1.48	5.81	2.78	15
16	2.85	1.708	8.36	8.86	7.88	3.28	0.904	0.187A	0.088	1.43	8.37	2.88	16
17	3.16	1.858	8.81	8.89	8.84	3.33	0.883	0.178	0.093	1.44	7.48	2.41	17
18	3.31	1.708	8.80	8.85	8.27	3.18	0.898	0.188	0.113	1.73	8.31	2.25	18
19	3.30	1.838	8.12	8.48	8.82	3.13	0.847	0.180	0.102	1.78	8.82	2.108	19
20	3.13	1.888	8.83	8.43	4.77	3.08	0.808	0.130	0.084	1.77	8.28	2.008	20
21	3.278	1.808	8.82	8.20	4.18	2.85	0.781	0.139	0.128	1.81	8.22	1.808	21
22	3.978	4.33	7.38	4.81	3.83	2.82	0.707	0.137	0.140	2.12	8.40	1.808	22
23	2.758	10.1	7.30	4.48	3.18	2.33	0.841	0.120	0.148	2.18	8.33	1.708	23
24	2.528	12.4	8.88	4.24	2.77	2.03	0.880	0.127	0.172	2.14	7.88	1.828	24
25	2.328	11.8	8.43	3.92	2.86	1.88	0.883	0.108	0.174	2.08	8.88	1.888	25
26	2.308	10.8	8.78	3.87	2.88	1.74	0.498	0.087	0.188	2.02	8.38	1.488	26
27	2.388	8.83	7.02	3.40	2.87	1.81	0.478	0.074	0.272	1.90	8.87	1.438	27
28	2.858	8.24	7.38	3.13	2.82	1.84	0.442	0.088	0.257	1.78	8.38	1.388	28
29	2.838		8.34	2.84	2.48	1.88	0.407	0.088	0.284	1.87	8.82	1.338	29
30	2.778		8.30	2.72	2.28	1.72	0.380	0.083	0.278	1.88	8.87	1.288	30
31	2.888		10.8		2.31		0.314	0.083		1.81		1.288	31
TOTAL	82.80	108.48	185.10	228.88	138.87	83.48	31.702	5.051	3.000	43.857	151.43	97.88	TOTAL
MEAN	2.67	3.80	8.01	7.63	4.48	2.78	1.02	0.163	0.100	1.42	5.08	3.15	MEAN
MAX	3.38	12.4	10.8	13.7	8.21	4.15	1.80	0.282	0.278	2.18	8.82	5.68	MAX
MIN	2.08	1.43	2.01	2.72	2.01	1.81	0.314	0.083	0.017	0.288	1.48	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.08
MAXIMUM DAILY, 13.7 ON APR 8
MINIMUM DAILY, 0.017 ON SEP 14
MAXIMUM INSTANTANEOUS,
13.8 AT 17:85 AST ON APR 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 24 22 N
LONG 84 58 17 W
DRAINAGE AREA, 143 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 180	JUL	2 740
FEB	9 200	AUG	438
MAR	13 400	SEP	259
APR	19 800	OCT	3 800
MAY	12 000	NOV	13 100
JUN	7 210	DEC	8 430

TOTAL DISCHARGE, 97 200 dam³

WHITEBURN BROOK BELOW POLLOCK LAKE - STATION NO. 01EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.385	---	---	---	---	---	---	---	---	---	1
2	0.480	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	1.33	0.382	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	0.280	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	0.184	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	0.224	0.183	---	---	---	---	---	---	---	---	---	13
14	---	---	0.123	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	0.634	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	0.718	0.577	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	0.880	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	0.540	0.505	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	0.368		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 21 10 N
LONG 85 05 27 W
DRAINAGE AREA, 0.49 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

PRINCE EDWARD ISLAND

BOUGHTON RIVER NEAR UPTON - STATION NO. 01CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	***	***	***	***	***	0.675	***	***	***	***	***	***	1
2	***	***	***	***	***	***	***	***	***	***	***	***	2
3	***	***	***	***	***	***	***	***	***	***	***	***	3
4	***	***	***	1.43	***	***	***	***	***	0.274	***	***	4
5	***	***	***	***	***	***	0.304	***	***	0.305	***	***	5
6	***	***	***	***	***	***	***	***	***	***	0.271	***	6
7	***	***	***	5.45	***	***	***	0.113	***	***	***	***	7
8	***	***	***	***	0.863	***	***	0.089	***	***	***	***	8
9	***	***	***	***	2.13	***	***	***	***	***	***	***	9
10	***	***	***	***	***	***	***	***	***	***	***	***	10
11	***	***	***	***	***	***	***	***	***	***	***	***	11
12	***	***	***	***	***	0.605	***	***	0.109	***	***	***	12
13	***	***	***	***	***	***	***	***	***	***	***	***	13
14	***	***	***	***	***	***	***	***	0.108	***	***	***	14
15	***	***	***	***	***	***	***	***	***	***	***	***	15
16	***	***	***	***	***	***	***	0.089	***	0.384	0.489	***	16
17	***	***	***	***	***	***	0.263	***	***	***	***	***	17
18	***	***	***	***	***	***	***	***	***	***	***	***	18
19	***	***	***	***	***	***	***	***	***	***	***	***	19
20	***	***	***	***	***	***	***	***	***	***	***	***	20
21	***	***	***	***	***	***	***	***	***	***	***	***	21
22	***	***	***	***	***	0.323	***	***	***	***	***	***	22
23	***	***	***	***	0.675	***	***	***	***	***	***	***	23
24	0.343	***	***	***	***	***	0.300	***	***	***	***	***	24
25	***	***	***	***	***	***	***	***	***	***	***	***	25
26	***	***	***	1.02	***	***	***	***	0.102	0.263	***	***	26
27	***	***	***	***	***	***	***	***	***	***	***	***	27
28	***	***	***	***	***	***	***	0.147	***	***	***	***	28
29	***		***	***	***	***	***	***	***	***	***	***	29
30	***		***	***	***	***	***	***	***	***	***	***	30
31	***		***				***			***		***	31
TOTAL	***	***	***	***	***	***	***	***	***	***	***	***	TOTAL
MEAN	***	***	***	***	***	***	***	***	***	***	***	***	MEAN
MAX	***	***	***	***	***	***	***	***	***	***	***	***	MAX
MIN	***	***	***	***	***	***	***	***	***	***	***	***	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 20 31 N
LONG 62 31 53 W
DRAINAGE AREA, 22.9 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	***	JUL	***
FEB	***	AUG	***
MAR	***	SEP	***
APR	***	OCT	***
MAY	***	NOV	***
JUN	***	DEC	***

BRUDENELL RIVER AT BRUDENELL - STATION NO. 01CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.818	0.720	0.776	1.76	1.33	0.969	0.880	0.422	0.308	0.385	0.313	0.382	1
2	0.870	0.730	0.778	2.11	1.31	0.888	0.881	0.433	0.461	0.340	0.320	0.384	2
3	0.888	0.686	0.720	1.89	1.36	0.964	0.867	0.431	0.408	0.404	0.326	0.375	3
4	0.858	0.648	0.701	2.35	1.27	0.918	0.880	0.413	0.387	0.488	0.383	0.404	4
5	0.878	0.648	0.703	3.10	1.18	0.908	0.823	0.422	0.378	0.381	0.343	0.383	5
6	0.828	0.634	0.688	3.00	1.14	0.887	0.813	0.428	0.383	0.382	0.341	0.388	6
7	0.814	0.628	0.638	5.21	1.84	0.887	0.813	0.482	0.374	0.420	0.338	0.388	7
8	0.827	0.800	0.884	3.33	1.72	0.878	0.809	0.424	0.369	0.388	0.328	0.408	8
9	1.38	0.881	0.830	2.91	2.35	0.885	0.804	0.442	0.378	0.368	0.350	0.385	9
10	1.08	0.882	0.887	2.11	2.32	0.818	0.486	0.427	0.388	0.387	0.448	0.371	10
11	0.886	0.871	0.800	1.96	1.88	0.889	0.880	0.413	0.372	0.387	0.388	0.388	11
12	0.823	0.856	0.888	1.83	1.46	0.882	0.788	0.406	0.377	0.748	0.374	0.378	12
13	1.28	0.835	0.887	1.78	1.43	0.811	0.823	0.414	0.365	0.471	0.380	0.388	13
14	1.02	0.888	0.855	1.71	1.48	0.777	0.889	0.435	0.335	0.385	0.349	0.363	14
15	1.03	0.878	1.10	1.88	1.48	0.753	0.824	0.428	0.484	0.388	0.388	0.320	15
16	1.48	0.885	3.16 B	1.81	1.40	0.730	0.499	0.428	0.424	0.380	0.518	0.320	16
17	0.953	0.838	1.48	2.30	1.35	0.788	0.858	0.423	0.435	0.382	0.488	0.301	17
18	0.840	0.818	1.05	1.88	1.31	0.726	0.802	0.408	0.433	0.387	0.420	0.312	18
19	0.834	0.818	0.867	1.86	1.26	0.713	0.484	0.405	0.388	0.382	0.438	0.318	19
20	0.817	0.810	0.788	2.12	1.26	0.708	0.478	0.403	0.380	0.340	0.414	0.327	20
21	0.882	0.884	0.778	1.72	1.24	0.894	0.461	0.434	0.389	0.348	0.831	0.316	21
22	0.788	2.25 B	0.744	1.80	1.20	0.858	0.447	0.554	0.374	0.378	0.808	0.331	22
23	0.771	1.70 B	0.690	1.88	1.17	0.837	0.438	0.448	0.368	0.383	0.438	0.330	23
24	0.782	1.32	0.678	1.78	1.13	0.828	0.449	0.478	0.362	0.338	0.408	0.328	24
25	0.788	1.07	0.881	1.73	1.24	0.823	0.441	0.412	0.339	0.338	0.371	0.316	25
26	0.747	0.948	1.05	1.57	1.24	0.814	0.441	0.430	0.388	0.335	0.384	0.307	26
27	0.778	0.882	0.887	1.51	1.13	0.810	0.441	0.410	0.481	0.327	0.378	0.311	27
28	0.738	0.828	3.05	1.48	1.08	0.800	0.438	0.383	0.386	0.327	0.387	0.338	28
29	0.714		3.75 B	1.40	1.05	0.803	0.484	0.381	0.382	0.328	0.490	0.332	29
30	0.887		2.03	1.38	1.01	0.872	0.440	0.380	0.381	0.338	0.418	0.317	30
31	0.723		1.41		0.998		0.428	0.388		0.317		0.310	31
TOTAL	27.872	21.471	32.803	82.18	42.088	23.087	18.078	13.208	11.882	11.880	11.087	10.732	TOTAL
MEAN	0.888	0.787	1.08	2.07	1.38	0.788	0.818	0.428	0.388	0.377	0.400	0.348	MEAN
MAX	1.48	2.28	3.75	5.21	2.35	0.888	0.880	0.554	0.484	0.748	0.808	0.408	MAX
MIN	0.887	0.810	0.888	1.38	0.998	0.872	0.428	0.380	0.335	0.317	0.313	0.301	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.778
MAXIMUM DAILY, 5.21 ON APR 7
MINIMUM DAILY, 0.301 ON DEC 17
MAXIMUM INSTANTANEOUS,
5.74 AT 14:45 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 07 N
LONG 62 38 23 W
DRAINAGE AREA, 33.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 380	JUL	1 380
FEB	1 880	AUG	1 140
MAR	2 810	SEP	1 000
APR	6 370	OCT	1 010
MAY	3 640	NOV	1 040
JUN	1 980	DEC	837

TOTAL DISCHARGE, 24 800 dam³

CARDIGAN RIVER ABOVE CARDIGAN - STATION NO. 01CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.360	---	---	---	---	---	0.218	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	0.178	0.178	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	0.818	0.888	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	0.107	---	---	---	6
7	---	---	---	---	---	0.408	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	0.128	---	---	---	---	8
9	---	---	---	---	1.61	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	0.498	---	---	12
13	---	---	---	0.713	---	---	0.351	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	0.301	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	0.693	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	0.192	---	---	---	18
19	---	---	---	---	---	0.351	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	1.18	---	---	---	0.301	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	0.230	---	---	---	---	---	26
27	---	---	---	---	---	0.310	---	---	---	---	0.245	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	0.827	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---	---	---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 11 41 N
LONG 62 38 23 W
DRAINAGE AREA, 21.6 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

CARRUTHERS BROOK NEAR ST. ANTHONY - STATION NO. 01CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3648	0.2908	0.5108	1.61	1.67	0.781	0.336	0.178	0.244	0.248	0.202	0.5108	1
2	0.3808	0.2758	0.4808	1.38	1.88	0.728	0.288	0.168	0.318	0.241	0.228	0.4908	2
3	0.3428	0.3858	0.4258	1.87	5.82	0.888	0.303	0.172	0.287	0.444	0.220	0.4458	3
4	0.3288	0.3578	0.3908	2.11	3.08	0.837	0.266	0.174	0.248	0.588	0.348	0.4458	4
5	0.3908	0.3528	0.3488	2.71	1.93	0.897	0.263	0.812	0.237	0.394	0.310	0.4208	5
6	0.4308	0.3688	0.3188	4.61	1.81	0.631	0.323	5.36	0.224	0.318	0.274	0.4058	6
7	0.4108	0.3488	0.2948	8.008	1.93	0.618	0.340	2.36	0.235	0.287	0.258	0.3958	7
8	0.3908	0.2408	0.3068	7.93	1.77	0.417	0.348	1.26	0.224	0.281	0.271	0.3808	8
9	0.6508	0.2358	0.2958	3.61	1.83	0.361	0.328	0.852	0.217	0.259	0.300	0.3658	9
10	0.4808	0.2368	0.3488	3.83	1.74	0.338	0.229	0.581	0.213	0.231	0.783	0.3558	10
11	0.4208	0.2208	0.2308	3.61	1.67	0.630	0.823	0.425	0.227	0.220	0.851	0.3408	11
12	0.3908	0.2148	0.2308	3.58	1.59	0.584	1.43	0.370	0.214	0.248	0.810	0.3308	12
13	0.3708	0.2098	0.2128	2.34	1.33	0.469	0.744	0.809	0.213	0.288	0.487	0.3208	13
14	0.3608	0.2058	0.2068	2.41	1.38	0.401	0.624	1.22	0.198	0.274	0.418	0.3118	14
15	0.3958	0.1958	0.4808	2.33	1.07	0.387	0.603	0.856	0.245	0.265	0.827	0.3028	15
16	0.3858	0.1908	2.80 E	2.39	0.883	0.370	0.320	0.587	0.252	0.249	0.955	0.2948	16
17	0.3408	0.1858	1.15 E	2.70	0.850	0.403	0.280	0.447	0.228	0.310	0.751	0.2858	17
18	0.3158	0.2108	0.8908	2.70	0.780	0.344	0.257	0.372	0.245	0.294	0.577	0.2778	18
19	0.2908	0.2358	0.7308	2.83	0.711	0.380	0.238	0.333	0.222	0.274	0.482	0.2878	19
20	0.3708	0.2308	0.6308	2.72	0.818	0.344	0.227	0.309	0.235	0.285	0.400	0.2588	20
21	0.3008	0.2458	0.5408	2.34	0.880	0.324	0.231	0.290	0.303	0.258	0.428	0.2508	21
22	0.3908	2.05 E	0.4858	2.09	0.888	0.307	0.219	0.288	0.286	0.243	0.852	0.2428	22
23	0.3158	1.83 E	0.4408	2.04	0.838	0.281	0.198	0.298	0.249	0.248	0.595	0.2388	23
24	0.2988	1.25 E	0.3958	2.32	0.813	0.262	0.188	0.318	0.280	0.231	0.4858	0.2318	24
25	0.2808	0.8908	0.3908	3.12	0.801	0.258	0.192	0.290	0.249	0.225	0.4558	0.2238	25
26	0.2708	0.7708	0.4408	4.07	0.804	0.250	0.183	0.278	0.244	0.253	0.4458	0.2158	26
27	0.2658	0.6408	0.3508	2.77	0.823	0.266	0.178	0.273	0.232	0.211	0.4308	0.2138	27
28	0.3208	0.5908	1.20 E	2.14	0.858	0.258	0.168	0.258	0.261	0.217	0.5008	0.2088	28
29	0.3208		4.40 E	1.87	2.34	0.285	0.245	0.252	0.284	0.217	0.5108	0.2048	29
30	0.3108		3.10 E	1.79	1.45	0.280	0.207	0.257	0.255	0.208	0.5458	0.2008	30
31	0.3008		2.05 E		1.01		0.181	0.259		0.208		0.1988	31
TOTAL	10.918	13.734	24.838	87.87	62.820	12.034	9.716	21.514	7.630	8.488	14.378	9.838	TOTAL
MEAN	0.352	0.484	0.788	2.83	1.38	0.401	0.313	0.884	0.248	0.274	0.479	0.311	MEAN
MAX	0.550	2.05	4.40	8.00	5.82	0.781	1.43	5.36	0.332	0.588	0.955	0.510	MAX
MIN	0.270	0.185	0.304	1.38	0.801	0.250	0.178	0.189	0.188	0.208	0.202	0.198	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.719
MAXIMUM DAILY, 8.008 ON APR 7
MINIMUM DAILY, 0.188 ON AUG 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 39 N
LONG 64 11 08 W
DRAINAGE AREA, 66.8 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	943	JUL	838
FEB	1 100	AUG	1 880
MAR	2 130	SEP	842
APR	7 800	OCT	733
MAY	3 700	NOV	1 240
JUN	1 040	DEC	833

TOTAL DISCHARGE, 22 700 dam³

PRINCE EDWARD ISLAND

CLYDE RIVER NEAR CLYDE RIVER - STATION NO. 01CC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	0.708	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	0.168	---	---	4
5	---	---	---	---	---	---	---	---	0.134	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	0.334	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	0.302	---	---	---	---	10
11	---	---	---	---	---	---	0.286	0.220	---	---	---	---	11
12	---	---	---	1.13	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	0.146	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	0.217	---	---	---	---	16
17	---	---	---	---	---	---	0.306	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	0.708	---	---	---	---	---	---	---	25
26	---	---	---	---	---	0.269	---	---	0.146	0.090	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	0.160	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---	---		---	0.217	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 14 06 N
LONG 63 15 39 W
DRAINAGE AREA, 26.6 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

DUNK RIVER AT WALL ROAD - STATION NO. 01CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.63	1.89	1.758	4.80	3.74	2.23	1.36	1.11	0.928	0.900	0.882	1.17 B	1
2	2.64	2.07	1.68	7.74	3.72	2.20	1.38	1.08	0.983	0.888	0.880	1.14 B	2
3	2.38	1.80	1.69	8.81	3.83	2.14	1.42	1.10	0.887	0.934	0.862	1.13 B	3
4	2.15	1.54	1.678	8.82	3.78	2.08	1.37	1.12	0.901	0.884	1.07	1.10 B	4
5	1.84	1.548	1.638	11.4	3.41	2.06	1.38	1.16	0.881	0.952	1.03	1.08 B	5
6	2.17	1.538	1.60	13.2	3.24	2.22	1.32	1.19	0.883	0.913	0.936	1.07 B	6
7	2.26	1.53	1.608	21.6	3.26	1.83	1.31	1.18	0.883	0.883	0.919	1.06 B	7
8	2.36	1.51	1.598	14.2	3.41	1.68	1.36	1.14	0.888	0.891	0.924	1.04 B	8
9	7.08	1.48	1.588	8.80	3.46	1.67	1.34	1.10	0.898	0.884	0.953	1.03 B	9
10	4.87	1.488	1.578	6.75	4.81	1.78	1.28	1.08	0.899	0.887	1.02	1.02 B	10
11	3.01	1.458	1.558	5.73	4.88	1.88	1.57	1.11	0.882	0.873	1.08	1.01 B	11
12	2.61	1.43	1.53	5.22	4.73	1.84	1.76	1.07	0.877	0.867	1.04	0.9888	12
13	2.428	1.398	1.51	4.88	4.71	1.80	1.84	1.06	0.882	0.878	0.967	0.9808	13
14	2.44	1.338	1.48	4.63	3.86	1.73	1.48	1.07	0.885	0.927	0.878	0.9838	14
15	2.72	1.288	3.508	4.19	3.55	1.88	1.40	1.08	0.897	0.884	1.08	0.9578	15
16	4.36	1.21	14.0 B	4.04	3.61	1.84	1.38	1.08	1.05	0.890	1.38	0.9408	16
17	2.32	1.208	8.48	4.74	3.28	1.85	1.37	1.04	0.978	0.918	1.33	0.9208	17
18	1.80	1.188	4.38	5.19	2.82	1.88	1.38	1.01	0.942	0.868	1.31	0.9088	18
19	1.78	1.188	3.19	4.81	2.82	1.87	1.38	0.988	0.920	0.911	1.40	0.8958	19
20	1.68	1.158	2.81	5.47	2.93	1.84	1.36	0.952	0.930	0.898	1.38	0.8808	20
21	1.54	1.148	2.61	4.87	2.93	1.83	1.31	0.974	1.04	0.863	1.40	0.8708	21
22	1.648	8.808	2.38	4.78	2.85	1.84	1.26	1.00	0.988	0.886	1.46 B	0.8608	22
23	1.788	4.008	2.31	4.68	2.37	1.80	1.22	0.995	0.925	0.894	1.48 B	0.8508	23
24	1.758	2.908	2.23	4.62	1.85	1.49	1.22	1.08	0.934	0.874	1.46 B	0.8408	24
25	1.70	2.208	2.38	4.72	1.84	1.48	1.21	1.01	0.901	0.904	1.33 B	0.8308	25
26	1.67	2.048	3.45	4.43	2.50	1.37	1.16	0.988	0.918	0.877	1.30	0.8208	26
27	1.87	1.988	3.19	4.21	2.62	1.40	1.20	0.975	1.18	0.873	1.28	0.8108	27
28	1.71	1.888	7.508	4.18	2.56	1.41	1.18	0.921	1.03	0.868	1.24 B	0.8008	28
29	1.80		17.2 B	4.03	2.54	1.48	1.18	0.912	0.936	0.864	1.26 B	0.7908	29
30	1.84		13.0	3.83	2.33	1.34	1.20	0.921	0.920	0.851	1.22 B	0.7808	30
31	1.68		8.13		2.24		1.17	0.887		0.848		0.8708	31
TOTAL	74.11	53.74	121.30	197.08	100.58	52.54	41.51	32.444	28.234	27.870	34.727	29.417	TOTAL
MEAN	2.38	1.92	3.91	6.57	3.24	1.75	1.34	1.05	0.941	0.899	1.16	0.949	MEAN
MAX	7.08	8.80	17.2	21.6	4.81	2.23	1.76	1.19	1.18	0.934	1.48	1.17	MAX
MIN	1.48	1.14	1.48	3.83	1.84	1.34	1.17	0.812	0.885	0.848	0.862	0.788	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 17
MAXIMUM DAILY, 21.6 ON APR 7
MINIMUM DAILY, 0.788B ON DEC 29
MAXIMUM INSTANTANEOUS
22.4 AT 16:34 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 45 N
LONG 63 38 03 W
DRAINAGE AREA, 114 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 400	JUL	3 580
FEB	4 840	AUG	2 800
MAR	10 800	SEP	2 440
APR	17 000	OCT	2 410
MAY	8 880	NOV	3 000
JUN	4 540	DEC	2 540

TOTAL DISCHARGE, 68 800 dam³

EMERALD BROOK NEAR EMERALD - STATION NO. 01CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.048	0.081	0.083	0.208	0.104	0.083	0.032	0.024	0.018	0.013	0.012	0.010	1
2	0.047	0.080	0.081	0.238	0.104	0.083	0.034	0.024	0.018	0.013	0.013	0.009	2
3	0.046	0.048	0.048	0.388	0.118	0.083	0.038	0.025	0.018	0.012	0.011	0.010	3
4	0.050	0.046	0.049	0.518	0.105	0.088	0.038	0.024	0.017	0.012	0.013	0.010	4
5	0.052	0.041	0.084	0.588	0.097	0.080	0.033	0.026	0.018	0.012	0.010	0.008	5
6	0.048	0.038	0.082	0.638	0.092	0.086	0.034	0.026	0.018	0.012	0.010	0.010	6
7	0.042	0.040	0.082	0.885	0.108	0.058	0.032	0.024	0.018	0.013	0.011	0.011	7
8	0.083	0.042	0.042	0.238	0.111	0.058	0.034	0.024	0.018	0.013	0.011	0.008	8
9	0.348	0.041	0.038	0.188	0.118	0.058	0.031	0.024	0.017	0.013	0.010	0.008	9
10	0.091	0.041	0.040	0.148	0.188	0.058	0.030	0.026	0.017	0.013	0.012	0.009	10
11	0.083	0.039	0.040	0.188	0.123	0.070	0.042	0.025	0.018	0.013	0.012	0.009	11
12	0.058	0.038	0.050	0.132	0.118	0.064	0.052	0.025	0.018	0.018	0.011	0.009	12
13	0.104	0.040	0.064	0.128	0.113	0.057	0.038	0.027	0.018	0.012	0.012	0.008	13
14	0.087	0.040	0.053	0.124	0.108	0.053	0.034	0.026	0.018	0.012	0.010	0.009	14
15	0.189	0.039	0.5008	0.130	0.108	0.052	0.034	0.027	0.018	0.011	0.012	0.010	15
16	0.122	0.038	0.4408	0.117	0.103	0.055	0.038	0.028	0.018	0.011	0.018	0.011	16
17	0.086	0.038	0.182	0.238	0.094	0.053	0.034	0.030	0.014	0.012	0.012	0.012	17
18	0.080	0.038	0.087	0.133	0.091	0.054	0.035	0.028	0.018	0.013	0.011	0.013	18
19	0.085	0.037	0.084	0.181	0.091	0.054	0.032	0.024	0.018	0.013	0.012	0.012	19
20	0.053	0.038	0.044	0.148	0.091	0.051	0.028	0.022	0.014	0.010	0.011	0.011	20
21	0.048	0.038	0.043	0.132	0.081	0.051	0.028	0.022	0.018	0.012	0.011	0.008	21
22	0.043	0.4058	0.042	0.123	0.085	0.048	0.026	0.022	0.018	0.012	0.011	0.007	22
23	0.047	0.204	0.041	0.120	0.084	0.049	0.030	0.023	0.014	0.011	0.011	0.008	23
24	0.047	0.094	0.038	0.134	0.080	0.047	0.030	0.024	0.013	0.012	0.010	0.008	24
25	0.048	0.070	0.042	0.183	0.088	0.048	0.028	0.033	0.012	0.013	0.010	0.008	25
26	0.048	0.085	0.052	0.127	0.078	0.044	0.026	0.024	0.013	0.013	0.010	0.008	26
27	0.050	0.058	0.081	0.118	0.078	0.041	0.030	0.023	0.018	0.011	0.011	0.008	27
28	0.048	0.057	0.580	0.117	0.078	0.038	0.024	0.021	0.013	0.012	0.010	0.008	28
29	0.047		0.8808	0.114	0.078	0.038	0.027	0.018	0.012	0.012	0.013	0.008	29
30	0.048		0.340	0.108	0.070	0.034	0.028	0.018	0.012	0.013	0.013	0.008	30
31	0.049		0.183		0.067		0.028	0.018		0.012		0.007	31
TOTAL	2.184	1.838	4.488	5.780	3.057	1.803	1.014	0.743	0.442	0.380	0.340	0.282	TOTAL
MEAN	0.070	0.066	0.145	0.225	0.088	0.060	0.033	0.024	0.015	0.012	0.011	0.008	MEAN
MAX	0.348	0.408	0.880	0.638	0.188	0.070	0.052	0.030	0.017	0.018	0.018	0.013	MAX
MIN	0.042	0.038	0.038	0.108	0.067	0.034	0.027	0.018	0.012	0.010	0.010	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.033
MAXIMUM DAILY, 0.8808 ON MAR 29
MINIMUM DAILY, 0.008 ON DEC 30
MAXIMUM INSTANTANEOUS,
1.81 AT 17:45 AST ON APR 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 34 N
LONG 63 33 29 W
DRAINAGE AREA, 5.58 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	188	JUL	87.6
FEB	159	AUG	64.2
MAR	388	SEP	38.2
APR	504	OCT	32.8
MAY	264	NOV	29.4
JUN	156	DEC	24.4

TOTAL DISCHARGE, 2 000 dam³

MONTAGUE RIVER NEAR HEAD OF MONTAGUE - STATION NO. 01CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.778	0.800	---	1.43	1.14	0.818	0.823	0.688	---	0.410	0.886	1
2	---	0.800	0.800	---	1.43	1.18	0.804	0.814	---	0.410	---	---	2
3	0.808	0.738	---	1.41	1.48	---	0.818	0.814	---	0.894	0.391	---	3
4	0.808	---	0.724	2.18	1.43	---	0.804	0.814	---	0.823	---	0.823	4
5	---	---	---	2.70	---	0.883	0.880	---	0.430	0.477	---	0.823	5
6	0.818	0.7008	0.6808	3.78	---	0.838	---	0.820	0.430	---	0.381	0.8108	6
7	---	0.887	0.6808	4.84	---	0.828	---	0.820	0.430	---	0.410	0.4858	7
8	---	0.838	0.6808	---	1.80	0.828	---	0.823	---	---	0.381	0.4858	8
9	1.81	0.818	0.6208	---	2.05	0.838	---	0.823	---	---	0.430	---	9
10	0.828	0.870	0.587	3.86	2.13	---	0.828	0.823	---	0.410	0.823	---	10
11	0.832	---	---	3.71	1.82	0.828	4.82	0.823	0.410	---	---	0.4158	11
12	1.80	---	---	3.48	1.84	0.842	0.882	---	0.448	0.773	---	0.4108	12
13	---	0.884	---	2.27	---	0.888	0.853	---	0.430	0.841	---	0.4058	13
14	---	---	0.848	2.11	1.88	0.832	0.818	0.823	---	---	0.448	0.4008	14
15	---	0.818	0.818	1.98	1.88	0.808	---	0.823	0.814	---	---	0.3958	15
16	1.22	0.804	4.33	---	1.77	0.808	0.877	0.823	---	0.477	---	---	16
17	0.800	0.818	1.28	2.60	1.87	---	0.848	0.823	0.588	0.841	0.877	---	17
18	0.828	---	---	1.98	1.81	---	0.848	---	0.430	0.823	---	0.4308	18
19	0.882	---	---	1.92	1.53	---	0.828	---	0.430	0.477	---	---	19
20	0.882	---	0.842	---	---	0.738	0.814	---	0.448	0.430	0.477	0.4108	20
21	---	---	0.857	1.88	---	0.780	0.814	0.804	---	---	0.841	0.4058	21
22	---	2.88 B	0.824	---	---	0.731	---	0.872	---	---	---	0.4108	22
23	0.780	2.84	0.824	---	1.37	0.717	---	0.823	---	0.430	0.823	---	23
24	0.780	1.18	---	1.88	1.34	---	0.838	0.812	---	0.477	0.823	---	24
25	0.738	---	---	1.88	1.51	---	0.828	0.823	0.430	0.477	---	---	25
26	0.7408	---	---	1.78	---	0.888	0.828	---	0.430	0.430	---	---	26
27	0.780	0.818	---	1.88	---	0.880	0.828	---	0.823	0.430	0.823	0.4308	27
28	---	---	1.81	1.88	---	0.853	0.828	0.477	0.448	---	0.823	0.4108	28
29	---		4.80 B	---	1.28	0.731	---	0.477	0.448	---	0.847	0.3958	29
30	0.718		1.88	---	1.15	0.818	---	---	---	0.430	0.884	---	30
31	0.783		1.47		1.12		0.828	---		0.410		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 09 18 N
LONG 62 43 34 W
DRAINAGE AREA, 46.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

PRINCE EDWARD ISLAND

MORELL RIVER AT BANGOR - STATION NO. 01CB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.208	3.428	4.808	7.88	4.81	3.17	1.80	1.01	0.930	1.18	1.06	2.18 B	1
2	2.808	3.808	4.008	8.77	4.88	3.08	1.88	0.979	1.13	1.08	1.28	2.08 B	2
3	2.688	3.458	3.888	7.88	4.60	2.88	1.84	1.01	1.20	1.31	1.37	1.88 B	3
4	2.828	3.308	3.458	8.44	4.48	2.82	1.88	0.851	1.08	1.86	1.77	1.81 B	4
5	3.388	3.208	3.208	16.1	4.26	2.78	1.82	0.882	0.982	1.84	1.78	1.84 B	5
6	3.308	3.128	3.088	19.2	3.88	2.88	1.80	0.948	0.873	1.48	1.82	1.78 B	6
7	3.248	3.028	2.908	24.1	5.32	2.86	1.44	0.881	0.832	1.44	1.83	1.70 B	7
8	2.198	1.838	2.788	22.0	7.88	2.86	1.48	0.878	0.884	1.81	1.88	1.84 B	8
9	4.858	1.888	2.878	23.4	12.8	2.78	1.47	1.01	0.771	1.86	1.88	1.86 B	9
10	4.208	1.788	3.888	16.8	16.2	2.81	1.46	0.873	0.817	1.85	2.82	1.83 B	10
11	3.638	1.728	2.488	12.8	12.4	2.67	2.73	1.02	0.788	1.44	2.80	1.48 B	11
12	3.158	1.668	2.418	10.4	8.84	2.72	8.18	0.888	0.808	2.31	2.25	1.44 B	12
13	3.808	1.638	2.228	8.63	7.17	2.82	4.88	0.881	0.828	2.38	2.27	1.41 B	13
14	3.258	1.808	2.258	7.85	6.26	2.46	3.80	1.00	0.736	2.78	2.11	1.38 B	14
15	3.008	1.958	2.408	7.84	5.78	2.33	2.88	0.888	1.00	2.42	2.81	1.28 B	15
16	4.308	1.838	8.808	7.28	5.32	2.31	2.11	0.888	1.24	2.81	2.44	1.22 B	16
17	3.808	1.748	7.88	8.84	4.81	2.46	1.78	0.871	1.18	1.71	2.88	1.28 B	17
18	3.888	1.688	8.27	8.70	4.48	2.33	1.88	0.842	1.16	1.82	2.84	1.24 B	18
19	3.458	1.888	5.458	8.86	4.12	2.38	1.86	0.878	1.20	1.82	2.86	1.22 B	19
20	3.208	1.488	4.808	11.8	3.86	2.26	1.48	0.841	1.08	1.84	3.20	1.18 B	20
21	3.058	2.408	4.08	8.86	3.71	2.24	1.36	0.818	1.12	1.40	3.88	1.16 B	21
22	2.988	4.408	3.82	8.20	3.87	2.11	1.32	1.08	1.12	1.86	4.488	1.14 B	22
23	3.308	8.708	3.208	7.56	3.47	1.89	1.18	1.07	0.880	1.86	4.02	1.12 B	23
24	3.108	7.808	3.138	7.78	3.33	1.88	1.06	1.20	0.890	1.42	3.78	1.08 B	24
25	2.808	6.808	3.48	8.08	3.81	1.82	1.06	1.87	0.872	1.36	3.188	1.07 B	25
26	2.788	8.208	5.15	7.14	3.88	1.78	0.988	1.78	0.832	1.28	2.908	1.08 B	26
27	2.808	5.808	4.48	6.40	5.02	1.78	0.971	1.44	1.38	1.28	2.74	1.03 B	27
28	2.808	5.008	5.18	5.88	4.48	1.73	0.973	1.21	1.80	1.21	2.508	1.01 B	28
29	2.708		12.1	5.40	4.43	1.61	1.08	1.08	1.88	1.18	2.288	0.9508	29
30	2.808		11.0	5.13	3.80	1.77	1.12	0.988	1.47	1.08	2.288	0.9708	30
31	2.528		8.88		3.48		1.10	0.980		1.01		1.10 B	31
TOTAL	98.08	92.88	144.24	338.88	178.28	71.38	58.088	33.487	31.488	52.03	77.88	43.200	TOTAL
MEAN	3.18	3.31	4.88	11.3	5.78	2.38	1.81	1.08	1.08	1.88	2.80	1.38	MEAN
MAX	4.88	8.78	12.1	24.1	18.2	3.17	8.18	1.78	1.88	3.28	4.48	2.18	MAX
MIN	2.18	1.48	2.28	5.13	3.32	1.72	0.971	0.841	0.738	1.01	1.08	0.978	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.32
MAXIMUM DAILY, 24.1 ON APR 7
MINIMUM DAILY, 0.738 ON SEP 14
MAXIMUM INSTANTANEOUS,
38.0 AT 22:48 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 40 N
LONG 62 42 02 W
DRAINAGE AREA, 147 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 300	JUL	4 680
FEB	8 010	AUG	3 810
MAR	12 500	SEP	2 730
APR	28 300	OCT	4 500
MAY	15 500	NOV	6 730
JUN	6 170	DEC	3 730

TOTAL DISCHARGE, 106 000 dam³

WEST RIVER AT RIVERDALE - STATION NO. 01CC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.82	0.881	1.28 B	2.68	2.31	1.38	0.882	0.888	0.8008	0.580	0.488	0.8858	1
2	2.62	1.08	1.07	2.28	2.32	1.28	0.877	0.843	0.8258	0.540	0.522	0.8808	2
3	1.71	1.07 B	0.893	2.67	2.86	1.31	0.838	0.844	0.8808	0.538	0.522	0.8258	3
4	1.51	1.03 B	0.8808	4.23	3.19	1.28	0.838	0.844	0.8288	0.580	0.848	0.8008	4
5	1.88 B	0.8908	0.8908	5.72	2.77	1.24	0.805	0.888	0.8008	0.524	0.841	0.7758	5
6	1.48 B	0.8708	0.844	7.93	2.53	1.18	0.830	0.708	0.8008	0.678	0.885	0.7808	6
7	1.33 B	0.8408	0.9358	14.8	2.88	1.23	0.824	0.712	0.8008	0.588	0.811	0.7358	7
8	1.26 B	0.8108	0.9208	11.0	2.84	1.18	0.848	0.884	0.8008	0.580	0.588	0.7008	8
9	1.88 B	0.8808	0.8908	7.83	2.87	1.14	0.787	0.887	0.8008	0.578	0.815	0.8808	9
10	1.87 B	0.8408	1.04 B	6.88	4.87	1.08	0.770	0.883A	0.8858	0.543	0.887	0.8408	10
11	1.64 B	0.8008	1.00 B	4.88	4.08	1.34	1.08	0.837	0.8788	0.884	0.778	0.8858	11
12	1.48 B	0.7808	0.8808	4.37	4.11	1.32	1.18	0.832	0.8608	0.773	0.718	0.8858	12
13	1.40 B	0.7588	0.788	3.82	3.77	1.17	0.824	0.822	0.8788	0.884	0.883	0.8408	13
14	1.38 B	0.7108	0.7808	3.72	3.48	1.08	0.826	0.853	0.8788	0.818	0.850	0.8208	14
15	1.38 B	0.884	1.16	3.83	3.32	1.03	0.888	0.890	0.8858	0.588	0.733	0.8108	15
16	1.34 B	0.788	7.30 B	3.48	2.98	1.02	0.818	0.874	0.8288	0.851	1.08	0.8108	16
17	1.38	0.7408	3.08	4.44	2.88	1.08	0.787	0.888	0.8008	0.888	0.851	0.8008	17
18	1.26	0.7188	1.88	4.28	3.48	1.04	0.777	0.884	0.8808	0.811	0.888	0.8058	18
19	1.18	1.01	1.57	4.81	3.32	1.13	0.787	0.883	0.8858	0.878	0.888	0.8008	19
20	1.12	1.03	1.41 B	5.11	3.21	1.01	0.783	0.837	0.898	0.884	0.883	0.8858	20
21	1.15	1.05	1.27	4.83	3.11	0.983	0.777	0.832	0.858	0.878	1.08	0.8808	21
22	1.14 B	5.00 B	1.14	4.54	1.88	0.845	0.752	0.884	0.868	0.883	1.38	0.8758	22
23	1.13 B	8.40 B	1.08	4.48	1.88	0.823	0.710	0.788	0.832	0.828	1.11	0.8708	23
24	1.11 B	2.87	1.08	4.20	1.74	0.882	0.712	0.722	0.872	0.822	1.11	0.8888	24
25	1.08 B	1.81	1.22	3.88	1.88	0.884	0.781	0.738	0.812	0.828	1.04 B	0.8808	25
26	1.07 B	1.70 B	1.88	3.88	1.72	0.808	0.837	0.885	0.822	0.836	1.02	0.8888	26
27	1.08 B	1.80 B	1.48	3.47	1.88	0.898	0.887	0.888	0.832	0.818	0.878	0.8808	27
28	1.03 B	1.80 B	2.78	3.47	1.80	0.828	0.887	0.883	0.872	0.824	0.8408	0.8408	28
29	1.01 B		8.18	3.41	1.80	0.888	0.787	0.832A	0.844	0.827	0.8808	0.8258	29
30	0.947		4.84	3.37	1.48	0.808	0.718	0.8288	0.818	0.488	0.8388	0.8308	30
31	0.873		3.00		1.38		0.878	0.8108		0.488		0.8908	31
TOTAL	44.030	40.483	57.810	147.82	82.77	33.780	25.086	20.864	18.448	17.878	25.338	20.020	TOTAL
MEAN	1.42	1.45	1.86	4.93	2.67	1.08	0.809	0.866	0.815	0.577	0.845	0.846	MEAN
MAX	3.82	5.80	8.18	14.8	4.87	1.38	1.18	0.788	0.832	0.773	1.38	0.885	MAX
MIN	0.873	0.710	0.780	2.88	1.38	0.882	0.878	0.810	0.832	0.488	0.488	0.830	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 14.8 ON APR 7
MINIMUM DAILY, 0.488 ON OCT 31
MAXIMUM INSTANTANEOUS,
18.2 AT 17:53 AST ON APR 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 13 50 N
LONG 63 21 07 W
DRAINAGE AREA, 76.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 800	JUL	2 170
FEB	3 800	AUG	1 780
MAR	4 800	SEP	1 680
APR	12 800	OCT	1 540
MAY	7 180	NOV	2 180
JUN	3 830	DEC	1 730

TOTAL DISCHARGE, 48 100 dam³

PRINCE EDWARD ISLAND

WILMOT RIVER NEAR WILMOT VALLEY - STATION NO. 01CB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.838	0.833	0.581	1.77	0.886	0.709	0.478	0.408	0.373	0.348	0.348	0.348	1
2	0.812	0.882	0.570	2.77	0.882	0.711	0.483	0.408	0.401	0.348	0.334	0.329	2
3	0.587	0.823	0.532	2.73	1.06	0.692	0.488	0.408	0.378	0.386	0.333	0.353	3
4	0.586	0.556	0.520	3.84	0.858	0.693	0.471	0.418	0.388	0.380	0.378	0.341	4
5	0.587	0.521	0.513	4.86	0.830	0.677	0.485	0.435	0.388	0.349	0.344	0.334	5
6	0.581	0.506	0.504	5.54	0.827	0.854	0.470	0.441	0.384	0.348	0.338	0.325	6
7	0.583	0.483	0.487	7.25	1.07	0.848	0.475	0.417	0.382	0.348	0.338	0.330	7
8	0.847	0.471	0.484	2.67	1.07	0.840	0.470	0.418	0.385	0.348	0.328	0.335	8
9	2.81	0.478	0.488	2.07	1.08	0.833	0.484	0.408	0.382	0.340	0.333	0.3588	9
10	1.02	0.489	0.436	1.88	2.03	0.803	0.447	0.381	0.368	0.339	0.380	0.3488	10
11	0.708	0.487	0.448	1.88	1.28	0.888	0.554	0.388	0.387	0.362	0.332	0.3418	11
12	0.628	0.488	0.484	1.53	1.18	0.839	0.848	0.388	0.381	0.410	0.337	0.3388	12
13	0.888	0.488	0.470	1.38	1.12	0.811	0.618	0.388	0.388	0.370	0.331	0.3328	13
14	0.741	0.484	0.488	1.33	1.11	0.582	0.481	0.388	0.388	0.348	0.340	0.328	14
15	1.21	0.451	3.88	1.28	1.11	0.574	0.467	0.380	0.402	0.342	0.387	0.312	15
16	1.48	0.447	5.30 B	1.21	1.08	0.522	0.458	0.388	0.388	0.344	0.388	0.318	16
17	0.740	0.448	2.57	1.18	1.01	0.488	0.450	0.388	0.389	0.384	0.348	0.321	17
18	0.880	0.448	1.41	1.43	0.978	0.482	0.488	0.377	0.388	0.343	0.333	0.316	18
19	0.828	0.481	0.833	1.88	0.885	0.808	0.438	0.380	0.347	0.350	0.387	0.314	19
20	0.807	0.482	0.781	1.83	0.838	0.467	0.433	0.380	0.388	0.350	0.384	0.288	20
21	0.830	0.488	0.701	1.27	0.808	0.488	0.438	0.388	0.432	0.367	0.424	0.300	21
22	0.879	3.30 B	0.821	1.17	0.883	0.488	0.428	0.430	0.378	0.371	0.438	0.3008	22
23	0.848	4.00	0.880	1.22	0.884	0.467	0.428	0.407	0.384	0.388	0.384	0.2988	23
24	0.818	1.21	0.588	1.28	0.811	0.482	0.430	0.407	0.372	0.388	0.384	0.2988	24
25	0.803	0.878	0.888	1.81	0.807	0.488	0.428	0.387	0.388	0.357	0.367	0.2958	25
26	0.874	0.832	1.00	1.30	0.830	0.807	0.430	0.381	0.384	0.328	0.357	0.2808	26
27	0.878	0.873	0.885	1.18	0.824	0.488	0.422	0.383	0.434	0.328	0.352	0.308	27
28	0.857	0.828	4.40 B	1.12	0.817	0.810	0.428	0.374	0.387	0.330	0.349	0.304	28
29	0.848		7.00 B	1.08	0.824	0.503	0.448	0.375	0.382	0.324	0.388	0.295	29
30	0.843		4.00	1.03	0.780	0.488	0.418	0.378	0.387	0.320	0.343	0.343	30
31	0.828		1.88		0.731		0.407	0.380		0.317		0.388	31
TOTAL	23.370	22.387	44.282	82.04	30.888	17.228	14.337	12.338	11.084	10.874	10.878	10.001	TOTAL
MEAN	0.754	0.788	1.43	2.07	1.00	0.574	0.482	0.388	0.389	0.351	0.358	0.323	MEAN
MAX	2.81	4.00	7.00	7.25	2.03	0.711	0.848	0.441	0.434	0.410	0.438	0.388	MAX
MIN	0.828	0.448	0.435	1.03	0.731	0.482	0.407	0.374	0.347	0.317	0.328	0.288	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.739
MAXIMUM DAILY, 7.25 ON APR 7
MINIMUM DAILY, 0.288 ON DEC 27
MAXIMUM INSTANTANEOUS,
10.3 AT 22:26 AST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 23 35 N
LONG 63 35 35 W
DRAINAGE AREA, 45.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 020	JUL	1 240
FEB	1 930	AUG	1 070
MAR	3 820	SEP	956
APR	6 380	OCT	940
MAY	2 880	NOV	923
JUN	1 490	DEC	864

TOTAL DISCHARGE, 23 300 dam³

WINTER RIVER AT BRACKLEY WELLS PUMPING STATION - STATION NO. 01CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.034	0.018	0.044	0.247	0.147	0.087	0.012	0	0	0	0	0.0	1
2	0.030	0.018	0.035	0.231	0.148	0.084	0.012	0	0	0	0	0.0	2
3	0.028	0.016	0.028	0.208	0.148	0.081	0.012	0	0	0	0	0.0	3
4	0.028	0.012	0.022	0.188	0.138	0.067	0.010	0	0	0	0	0.0	4
5	0.028	0.008	0.020	0.663	0.123	0.063	0.009	0	0	0	0.001	0.0	5
6	0.025	0.008	0.018	0.820	0.113	0.050	0.007	0	0	0	0.001	0.0	6
7	0.023	0.008	0.017	0.884	0.240	0.047	0.006	0	0	0	0.001	0.0	7
8	0.024	0.007	0.018	0.861	0.273	0.048	0.004	0	0	0	0.001	0.0	8
9	0.083	0.007	0.018	0.480	0.358	0.042	0.004	0	0	0	0	0.0	9
10	0.073	0.005	0.016	0.358	0.588	0.038	0.004	0	0	0	0.001	0.0	10
11	0.073	0.005	0.013	0.288	0.287	0.048	0.008	0	0	0	0.005	0.0	11
12	0.068	0.004	0.013	0.250	0.173	0.048	0.018	0	0	0	0.005	0.0	12
13	0.048	0.004	0.012	0.241	0.158	0.038	0.014	0	0	0.002	0.003	0.0	13
14	0.043	0.003	0.011	0.230	0.154	0.034	0.004	0	0	0.003	0.002	0.0	14
15	0.038	0.003	0.020	0.188	0.153	0.030	0.003	0	0	0.002	0.001	0.0	15
16	0.058	0.002	0.084	0.207	0.148	0.031	0.002	0	0	0.001	0.008	0.0	16
17	0.058	0.002	0.241	0.358	0.137	0.030	0.002	0	0	0.001	0.033	0.0	17
18	0.058	0.002	0.185	0.327	0.131	0.030	0.002	0	0	0.001	0.018	0.0	18
19	0.033	0.001	0.128	0.288	0.128	0.047	0.002	0	0	0.001	0.012	0.0	19
20	0.027	0.001	0.107	0.387	0.118	0.034	0.001	0	0	0.001	0.018	0.0	20
21	0.027	0.002	0.079	0.242	0.112	0.025	0.001	0	0	0.001	0.014	0.0	21
22	0.022	0.018	0.068	0.186	0.104	0.022	0.001	0	0	0	0.084	0.0	22
23	0.021	0.024	0.037	0.182	0.088	0.021	0.001	0	0	0	0.021	0.0	23
24	0.018	0.028	0.028	0.218	0.088	0.019	0.001	0	0	0	0.008	0.0	24
25	0.018	0.027	0.032	0.283	0.109	0.018	0.001	0	0	0	0.004	0.0	25
26	0.018	0.028	0.088	0.238	0.088	0.018	0.001	0	0	0	0.003	0.0	26
27	0.018	0.028	0.085	0.185	0.083	0.017	0.001	0	0.001	0	0.002	0.0	27
28	0.018	0.030	0.081	0.165	0.087	0.018	0	0	0	0	0	0.0	28
29	0.018		0.307	0.150	0.081	0.014	0.001	0	0	0	0	0.0	29
30	0.018		0.588	0.151	0.077	0.013	0.001	0	0	0	0	0	30
31	0.018		0.333		0.071		0.001	0	0	0	0	0	31
TOTAL	1.080	0.309	2.888	8.801	4.840	1.073	0.147	0	0.001	0.014	0.237	0	TOTAL
MEAN	0.034	0.011	0.087	0.320	0.156	0.036	0.005	0	0	0	0.008	0	MEAN
MAX	0.073	0.030	0.588	0.884	0.588	0.087	0.018	0	0.001	0.003	0.084	0	MAX
MIN	0.018	0.001	0.011	0.150	0.071	0.013	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.055
MAXIMUM DAILY, 0.884 ON APR 7
MINIMUM DAILY, 0 ON JUL 28
MAXIMUM INSTANTANEOUS,
0.943 AT 20:26 AST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 54 N
LONG 63 08 46 W
DRAINAGE AREA, 4.82 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	81.8	JUL	12.7
FEB	26.7	AUG	0
MAR	232	SEP	0.08
APR	830	OCT	1.21
MAY	418	NOV	20.5
JUN	82.7	DEC	0

TOTAL DISCHARGE, 1 730 dam³

REMARKS - EXTREME HIGH FLOWS BYPASS THE GAUGE

PRINCE EDWARD ISLAND

WINTER RIVER NEAR SUFFOLK - STATION NO. 01CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.444	0.383	0.800	1.88	1.14 A	0.875E	0.704	0.237	0.202E	0.183	0.178	0.243	1
2	0.384	0.384	0.695	1.74	1.04 E	0.870E	0.683	0.237	0.220E	0.180	0.178	0.253	2
3	0.381	0.384	0.693	1.88	0.980E	0.855E	0.695	0.252	0.248E	0.188	0.184	0.281	3
4	0.408	0.388	0.645	2.30	0.925E	0.820E	0.704	0.244	0.198E	0.188	0.201	0.248	4
5	0.443	0.323	0.518	4.11	0.890A	0.800E	0.695	0.238	0.188A	0.170	0.192	0.247	5
6	0.388	0.266	0.395	5.51	0.855	0.780E	0.623	0.248	0.185	0.188	0.175	0.225	6
7	0.408	0.260	0.338	10.1 B	1.57	0.735E	0.488	0.243	0.183	0.173	0.184	0.216	7
8	0.410	0.240	0.324	6.88	2.10	0.775E	0.355	0.285	0.194	0.187	0.174	0.208	8
9	0.727	0.238	0.287	3.82	2.48	0.715E	0.330	0.265	0.188	0.173	0.182	0.192	9
10	0.824	0.231	0.309	2.80	4.24	0.695E	0.388	0.247	0.188	0.148	0.238	0.218	10
11	0.621	0.237	0.308	2.18	2.73	0.630E	0.858	0.238	0.188	0.188	0.218	0.213	11
12	0.561	0.218	0.287	2.01	1.77	0.780E	0.668	0.253	0.189	0.303	0.204	0.208	12
13	0.580	0.218	0.282	1.83	1.46	0.655E	0.515	0.245	0.184	0.358	0.193	0.213	13
14	0.533	0.248	0.273	1.84	1.60	0.585A	0.479	0.252A	0.189	0.232	0.188	0.226	14
15	0.533	0.224	0.328	1.78	1.57	0.678	0.410	0.282E	0.189	0.211	0.189	0.215	15
16	0.703	0.221	1.61	1.74	1.52	0.888	0.388	0.250E	0.191	0.201	0.308	0.200	16
17	0.630	0.205	2.05	2.00	1.44	0.713	0.341	0.238E	0.188	0.214	0.322	0.208	17
18	0.531	0.202	1.84	2.41	1.38	0.738	0.340	0.223E	0.198	0.208	0.285	0.197	18
19	0.500	0.202	1.01	2.13	1.31	0.832	0.380	0.210E	0.198	0.198	0.302	0.188	19
20	0.481	0.189	0.782	2.50	1.28	0.826	0.307	0.198E	0.194	0.187	0.338	0.175	20
21	0.481	0.410	0.748	2.18	1.27 E	0.881	0.318	0.200E	0.184	0.203	0.388	0.181	21
22	0.400	2.78	0.802	1.95	1.24 E	0.787	0.288	0.198E	0.185	0.208	0.808	0.183	22
23	0.388	2.58	0.521	1.78	1.19 E	0.838	0.302	0.192A	0.178	0.185	0.800	0.174	23
24	0.431	2.01	0.470	1.72	1.15 E	0.872	0.398	0.218A	0.181	0.177	0.382	0.188	24
25	0.422	2.01	0.550	2.00	1.80 E	0.893	0.308	0.270E	0.177	0.173	0.300	0.174	25
26	0.381	1.52	0.888	1.81	1.30 E	0.888	0.322	0.310E	0.171	0.173	0.274	0.182	26
27	0.413	1.38	0.804	1.53	1.17 E	0.885	0.340	0.285E	0.223	0.178	0.280	0.186	27
28	0.380	1.11	1.02	1.38	1.04 E	0.705	0.283	0.258E	0.198	0.182	0.258	0.197	28
29	0.377		3.24	1.23	1.03 E	0.761	0.288	0.247E	0.178	0.187	0.244	0.152	29
30	0.388		4.18	1.20	0.950E	0.735	0.284	0.230E	0.172	0.187	0.262	0.154	30
31	0.37		3.08		0.938E		0.244	0.218E		0.188		0.154	31
TOTAL	14.1 4	18.857	29.878	77.40	45.285	22.473	13.142	7.455	5.778	5.778	7.888	6.182	TOT
MEAN	0.6 1	0.677	0.957	2.58	1.48	0.748	0.424	0.240	0.193	0.188	0.282	0.199	MEA
MAX	0.824	2.78	4.18	10.1	4.24	0.881	0.704	0.310	0.248	0.303	0.808	0.281	MAX
MIN	0.388	0.188	0.273	1.20	0.925	0.588	0.244	0.183	0.171	0.148	0.184	0.152	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 10.18 ON APR 7
MINIMUM DAILY, 0.148 ON OCT 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 56 N
LONG 63 03 53 W
DRAINAGE AREA, 37.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 290	JUL	1 140
FEB	1 640	AUG	844
MAR	2 580	SEP	499
APR	6 690	OCT	498
MAY	3 910	NOV	680
JUN	1 940	DEC	532

TOTAL DISCHARGE, 22 000 dam³

NAME	STATION NO.	PAGE
NEWFOUNDLAND AND LABRADOR		
ALEXIS RIVER NEAR PORT HOPE SIMPSON	03OC002	1
ASHUANIPI RIVER AT MENIHEK RAPIDS	03OA001	1
ATIKONAK RIVER AT GABBRO LAKE	03OC008	2
ATIKONAK RIVER AT OSSAKMANUAN LAKE CONTROL STRUCTURE	03OD008	2
BARTLETTS RIVER NEAR ST. ANTHONY	02YA002	3
BAY DU NORD RIVER AT BIG FALLS	02ZF001	3
BIG BROOK AT LEAD COVE	02ZL008	4
BLANCHE BROOK NEAR STEPHENVILLE	02YJ002	4
BOOT BROOK AT TRANS-CANADA HIGHWAY	02YK008	5
BOTTOM CREEK NEAR ROCKY HARBOUR	02YM001	5
CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS	03BE001	6
CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE	03OD008	6
CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS	03BE007	7
CHURCHILL RIVER AT GRIZZLE RAPIDS	03BE008	7
CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS	03BE005	8
CONNE BY CHANCE RIVER NEAR GOOBIES	02ZM003	8
CONNE RIVER AT OUTLET OF CONNE RIVER POND	02ZE004	9
CORNER BROOK AT WATSONS BROOK POWERHOUSE	02YL002	9
DEER LAKE AT DEER LAKE	02YL007	10
DEER LAKE NEAR PASADENA	02YL008	10
EAGLE RIVER ABOVE FALLS	03OC001	11
EXPLOITS RIVER AT GRAND FALLS	02YD001	11
EXPLOITS RIVER BELOW NEEL PAULS BROOK	02YD011	12
EXPLOITS RIVER BELOW STONY BROOK	02YD006	12
GANDER RIVER AT BIG CHUTE	02YQ001	13
GARNISH RIVER NEAR GARNISH	02ZG001	13
GLIDE BROOK BELOW GLIDE LAKE	02YK007	14
GRAND LAKE AT MAIN DAM	02YK009	14
GRAND LAKE EAST OF GRAND BROOK	02YK010	15
GRANDY BROOK BELOW TOP POND BROOK	02ZC002	15
GREAT RATTLING BROOK ABOVE TOTE RIVER CONFLUENCE	02YQ006	16
GREAVETT BROOK ABOVE PORTLAND CREEK POND	02YE001	16
GREY RIVER NEAR GREY RIVER	02ZB002	17
HARRYS RIVER BELOW HIGHWAY BRIDGE	02YJ001	17
HIGHLANDS RIVER AT TRANS-CANADA HIGHWAY	02ZA002	18
HINDS BROOK AT HINDS BROOK POWER HOUSE	02YK006	18
HUMBER RIVER AT GRAND LAKE OUTLET	02YK001	19
HUMBER RIVER AT HUMBER VILLAGE BRIDGE	02YL003	19
INDIAN BAY BROOK NEAR NORTHWEST ARM	02YR003	20
INDIAN BROOK AT INDIAN FALLS	02YM001	20
ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE	02ZB001	21
JUNCTION BROOK NEAR BADGER	02YQ010	21
KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE	03NE001	22
LEARY BROOK AT PRINCE PHILIP DRIVE	02ZM020	22
LEARY BROOK AT ST. JOHN'S	02ZM017	23
LEECH BROOK NEAR GRAND FALLS	02YQ007	23
LEWASSECHJEECH BROOK AT LITTLE GRAND LAKE	02YK002	24
LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S	02ZA001	24
LITTLE BARACHOIS RIVER NEAR PLACENTIA	02ZK003	25
LITTLE BARASWAY BROOK NEAR MOLLIERS	02ZE005	25
LITTLE CODROY RIVER NEAR DOYLES	02ZA003	26
LITTLE MECATINA RIVER ABOVE LAC FOURMONT	02XA003	26
LITTLE SALMONIER RIVER NEAR NORTH HARBOUR	02ZK004	27
LLOYDS RIVER BELOW KING GEORGE IV LAKE	02YN002	27
MAIN RIVER AT PARADISE POOL	02YE001	28
MIDDLE ARM BROOK BELOW FLATWATER POND	02YG002	28
MIDDLE BROOK NEAR GAMBO	02YR001	29
MINIPI RIVER BELOW MINIPI LAKE	03BE003	29
MOBILE RIVER AT MOBILE FIRST POND	02ZM003	30
NASKAUPI RIVER BELOW NASKAUPI LAKE	03PE002	30
NORTH BROOK NEAR RED BAY	02XE002	31
NORTHEAST BROOK NEAR ROBBICKTON	02YD002	31
NORTHEAST POND RIVER AT NORTHEAST POND	02ZM008	32
NORTHEAST RIVER NEAR PLACENTIA	02ZK002	32
NORTHWEST BROOK AT NORTHWEST POND	02ZM001	33
NORTHWEST GANDER RIVER NEAR GANDER LAKE	02YQ004	33
PETERS RIVER NEAR BOTWOOD	02YB006	34
PETTY HARBOUR RIVER AT SECOND POND	02ZM001	34
PIERRES BROOK AT GULL POND	02ZM002	35
PINCHGUT BROOK AT OUTLET OF PINCHGUT LAKE	02YJ003	35
PIPERS HOLE RIVER AT MOTHERS BROOK	02ZM001	36
RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR	02YR002	36
RATTLE BROOK NEAR BOAT HARBOUR	02ZE004	37
RATTLER BROOK NEAR MCIVERS	02YL005	37
RATTLING BROOK AT RATTLING BROOK POWERHOUSE	02YQ003	38
RAYMOND BROOK AT OUTLET OF BAY BULLS BIG POND	02ZM022	38
RIVIERE JOIR NEAR PROVINCIAL BOUNDARY	02XA004	39
ROCKY RIVER NEAR COLINET	02ZK001	39
SALMON COVE RIVER NEAR CHAMPNEYS	02ZJ002	40
SALMON RIVER AT BAY D'ESPOIR POWERHOUSE	02ZE003	40
SALMON RIVER NEAR GLENWOOD	02YQ005	41
SALMONIER RIVER NEAR LAMALINE	02ZG003	41
SANDY BROOK AT SANDY BROOK POWERHOUSE	02YQ004	42
SEAL COVE BROOK NEAR CAPPAHAYDEN	02ZM009	42
SHEARSTOWN BROOK AT SHEARSTOWN	02ZL004	43
SHEFFIELD BROOK NEAR TRANS CANADA HIGHWAY	02YK005	43
SHOAL ARM BROOK NEAR BADGER BAY	02YP001	44
SHOAL HARBOUR RIVER NEAR CLARENVILLE	02ZJ003	44
SOUTH BROOK AT PASADENA	02YL004	45
SOUTH BROOK AT PEARL TOWN ROAD	02ZM021	45
SOUTH RIVER NEAR HOLYROOD	02ZM018	46
SOUTH WEST BROOK NEAR BAIE VERTE	02YM003	46
SOUTHERN BAY RIVER NEAR SOUTHERN BAY	02ZJ001	47
SOUTHWEST BROOK AT LEWISPORTE	02YD012	47
SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK	02YS003	48
SOUTHWEST GANDER RIVER BELOW LARSON FALLS	02YQ008	48
SPOUT COVE BROOK NEAR SPOUT COVE	02ZL003	49
ST. SHOTTS RIVER NEAR TREPASSEY	02ZN002	49
STAR BROOK BELOW STAR LAKE	02YN003	50

NAME	STATION NO.	PAGE
STE. GENEVIEVE RIVER NEAR FORRESTERS POINT	02YA001	50
TERRA NOVA RIVER AT GLOVERTOWN	02YS005	51
TIDES BROOK BELOW FRESHWATER POND	02ZE002	51
TORRENT RIVER AT BRISTOL'S POOL	02YC001	52
TROUT BROOK NEAR BELLEVUE	02ZK008	52
UGJOKYOK RIVER BELOW HARP LAKE	03NF001	53
UPPER HUMBER RIVER ABOVE BLACK BROOK	02YL008	53
UPPER HUMBER RIVER NEAR REIDVILLE	02YL001	54
VIRGINIA RIVER AT CARTWRIGHT PLACE	02ZM018	54
VIRGINIA RIVER AT PLEASANTVILLE	02ZM016	55
WATERFORD RIVER AT KILBRIDE	02ZM008	55
WATERFORD RIVER AT MOUNT PEARL	02ZM010	56

NEW BRUNSWICK

ARDOSTOOK RIVER NEAR TINKER	01AG003	57
BARNABY RIVER BELOW SEMIWAGAN RIVER	01BD003	57
BARTIBOG RIVER BELOW HIGHWAY NO. 8	01BD004	58
BASS RIVER AT BASS RIVER	01BL001	58
BECAGUIMEC STREAM AT COLDSTREAM	01AJ010	59
BIC PRESQUE ISLE STREAM AT TRACEY MILLS	01AJ004	59
BIG TRACADIE RIVER AT MURCHY BRIDGE CROSSING	01BL003	60
BURPEE MILLSTREAM NEAR FERNHOUNT	01AD008	60
CANAAN RIVER AT EAST CANAAN	01AP002	61
CASTAWAY STREAM NEAR CASTAWAY	01AN001	61
CATAMARAN BROOK AT REPAP ROAD BRIDGE	01BP002	62
CHAMCOOK STREAM AT LITTLE CHAMCOOK LAKE OUTLET	01AR012	62
COAL BRANCH RIVER AT BEERSVILLE	01BB001	63
COLD STREAM AT COLDSTREAM	01AJ011	63
DENNIS STREAM NEAR ST. STEPHEN	01AR008	64
EEL RIVER NEAR DUNDEE	01BJ013	64
EEL RIVER NEAR SCOTT SIDING	01AK008	65
FISH RIVER NEAR FORT KENT	01AE001	65
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